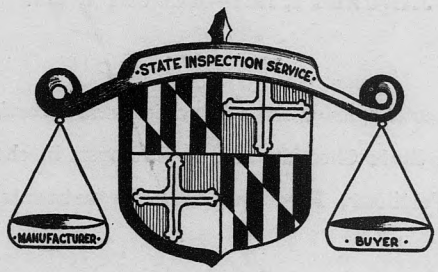
Control Series—Published Quarterly August Issue, 1927—No. 123

Commercial Fertilizers

This Publication contains the results of fertilizer inspection carried on from January 1, to August 1, 1927, together with a summary of the 1926 tonnage records.



STATE FERTILIZER INSPECTION SERVICE
Controlled by
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD.

Entered at College Park (Md.) Post-office as Second-Class Matter.

COMMERCIAL FERTILIZERS

JANUARY 1, 1927—AUGUST 1, 1927

Compiled and edited under the supervision and direction of Neil E. Gordon, State Chemist, and L. E. Bopst, in charge of Fertilizer, Feed and Lime Departments.

BOARD OF REGENTS—UNIVERSITY OF MARYLAND

SAMUEL M. SHOEMAKER, *Chairman*_____1924-1933
Eccleston, Baltimore County

ROBERT CRAIN_____1924-1933
Mt. Victoria, Charles County

JOHN M. DENNIS, *Treasurer*_____1923-1932
Union Trust Company, Baltimore

DR. FRANK J. GOODNOW_____1922-1931
6 West Madison Street, Baltimore

JOHN E. RAINE_____1921-1930
413 East Baltimore Street, Baltimore

CHARLES C. GELDER_____1920-1929
Princess Anne, Somerset County

DR. W. W. SKINNER, *Secretary*_____1927-1936
Kensington, Montgomery County

E. BROOKE LEE, (Appointed 1927)_____1926-1935
Silver Spring, Montgomery County

HENRY HOLZAPFEL, JR._____1925-1934
Hagerstown, Washington County

DR. RAYMOND A. PEARSON—*Executive Officer and President of University*

STATE FEED, FERTILIZER AND LIME DEPARTMENTS

N. E. GORDON, Ph.D., *State Chemist.*
L. E. BOPST, B.S., *Chemist in charge of Feed, Fertilizer and Lime Departments.*
L. H. VAN WORMER, M.S., *Assistant Chemist.*
J. E. RICE, B.S., *Assistant Chemist.*
J. O. HAY, B.S., *Assistant Chemist.*
E. Y. BRACKBILL, B.S., *Assistant Chemist.*
E. C. DONALDSON, M.S., *Inspector.*
H. R. WALLS, *Inspector.*
E. J. FOOTEN, *Inspector.*

The inspection, analysis and control of work of the feed, fertilizer and lime trade is carried on by the State Department, but the State Department is so related to the chemical work of the University that the other men of the chemical staff who are mentioned below may be called on for help in time of need; and, furthermore, it is the purpose of the majority of this chemical staff to be carrying on some investigations which bear directly or indirectly on the properties of fertilizer, feed and lime.

CHEMICAL STAFF

N. E. GORDON, Ph.D., *Head of Chemistry Department*

Physical Chemistry
M. R. HARING, Ph.D., *Asso. Prof.*
M. LEATHERMAN, M.S., *Assistant*

Organic Chemistry
M. KHARASCH, Ph.D., *Professor.*
H. ISBELL, M.S., *Assistant*

Inorganic Chemistry
D. LICHTENWALNER, Ph.D., *Inst'r.*
M. GRAFFIN, M.S., *Instructor*

Agricultural and Food Chemistry
L. B. BROUGHTON, M.S., *Professor*
NORWOOD THORNTON, B.S., *Asst.*

Industrial Chemistry
N. L. DRAKE, Ph.D., *Professor*
G. B. COOKE, M.S., *Assistant*

Analytical Chemistry
R. C. WILEY, M.S., *Asso. Prof.*
CHARLES WHITE, Ph.D., *Inst'r.*

INTRODUCTION

The Fertilizer Law of Maryland, an Act of the State Legislature of 1922, requires that all commercial fertilizers shall be registered annually. It further requires all sacks or attached cards to show the net weight of the package or lot in pounds, the brand name or trade-mark, the grade, and guarantees for total nitrogen and or its equivalent to ammonia, water soluble nitrogen and or its equivalent to ammonia, available phosphoric acid, water soluble potash, together with the name of the manufacturer. It provides penalties for the violation of certain sections of the Act and further takes care of law enforcement by means of examination of official samples and inspection of methods of sale.

During the last year, official sampling agents of this department secured from dealers, selling agents, etc., 760 samples of commercial fertilizers. For the purpose of discussion, these samples may be classified as follows:

Five hundred and forty-seven complete fertilizers, 23 acid phosphate and potash fertilizers, 54 acidulated phosphate fertilizers, 19 ammonia and phosphoric acid fertilizers, 19 ground bone fertilizers, and 98 samples of a miscellaneous nature, including tankage, sulphate of ammonia, kainit, muriate of potash, etc.

During the last several years fertilizer law enforcement activities in Maryland have been extended and intensified with the result that the trade has, through closer contact with our department and its representatives, arrived at a more thorough and systematic understanding of its aims and operations. The suspicion and latent enmity which our earlier efforts frequently encountered have, in the main, given way to a spirit of cordial co-operation. Our representatives are no longer looked upon as detectives or policemen, but as technical advisors who assist dealers in the legitimate selling of products and manufacturers in producing legal and, therefore, marketable fertilizers. They are coming more to realize that the Fertilizer Inspection Law is designed to protect not only the consumer but the honest manufacturer as well, and that its broad purpose is corrective rather than punitive.

We are, however, at all times confronted with certain individuals and companies who are not devoting their entire efforts in producing legitimate products. This necessitates maintaining departments whose duty is to protect the public from falsely branded goods and at the same time affording protection to the legitimate manufacturer from dishonest competition.

Maryland Tonnage Information

At the close of each calendar year fertilizer manufacturers are required by law to submit a sworn statement as to the number of tons of each brand sold. From these individual tonnage reports the department prepares, in tabulated form, valuable information concerning the amounts and the different kinds of goods marketed in this State from year to year. This information is hereby offered the readers of this publication.

MARYLAND FERTILIZER FACTS FOR 1926

Number of firms registered	104
Number of brands registered	1035
Number of analyses registered	163
Number of complete fertilizers	117
Number of ammonia and phosphoric acid mixtures	5
Number of phosphoric acid and potash mixtures	14

Total tonnage	163,285.32
Complete fertilizer tonnage	109,772.25
Ammonia and phosphoric acid tonnage	771.78
Phosphoric acid and potash tonnage	19,754.49
16% acid phosphate tonnage	18,566.79
Miscellaneous	14,420.01
Tonnage of out of State firms	8,538.53

Mixed Fertilizers Containing 14 or More Units of Plant Food

Complete fertilizers	97,539.89
Ammonia and phosphoric acid mixtures	512.78
Phosphoric acid and potash mixtures	19,160.74
Total	117,213.41

FIFTEEN BRANDS SHOWING LARGEST TONNAGE 1926

Analysis	Units of Plant Food	Tons Sold	Analysis	Units of Plant Food	Tons Sold
2-8-5	15	27,209.79	1-9-3	13	3,126.90
0-16-0	16	18,566.79	2-12-2	16	3,080.21
0-12-5	17	15,971.99	2-9-3	14	2,713.77
1-9-4	14	9,436.05	Kainit	--	2,575.73
5-8-5	18	8,281.70	2-9-2	13	2,556.80
7-6-5	18	8,131.28	1-8-4	13	2,468.00
4-8-4	16	5,162.49	1-10-5	16	2,450.60
2-8-10	20	3,186.66			

TONNAGE OF MARYLAND STANDARD TWELVE

Analysis	Units of Plant Food	Tons Sold	Analysis	Units of Plant Food	Tons Sold
5-8-5	18	8,281.70	3-10-6	19	1,106.20
7-6-5	18	8,131.28	10-5-0	15	415.78
4-8-4	16	5,162.49	0-10-4	14	383.40
2-12-2	16	3,080.21	6-8-4	18	89.00
2-12-4	18	2,229.77	4-12-0	16	.00
3-8-3	19	2,209.09			
0-12-6	18	1,567.80	Total Tonnage Sold		32,656.72

TONNAGE REPORT OF THE VARIOUS GRADES OF FERTILIZERS USED IN MARYLAND IN 1926

Guaranteed	Tons	Guaranteed	Tons
½-8-2	48.75	2½-10-3	9.
½-9-4	503.75	2½-10-1½	11.
1-6½-1½	52.	2½-20-4	3.
1-8-1	108.	2½-20-5	16.
1-8-2	27.	3-6-6	47.
1-8-3	476.167	3-6-8	107.6
1-8-4	2468.	3-7-5	25.5
1-8-5	122.25	3-8-2	59.
1-8-6	209.5	3-8-3	1116.36
1-9-3	3126.9	3-8-4	379.
1-9-4	9436.05	3-8-5	909.4
1-10-2	896.5	3-8-6	260.
1-10-3	1561.5	3-8-7	2122.
1-10-4	217.	3-8-8	2209.09
1-10-5	2450.6	3-8-10	9.
1-11-2	100.	3-9-3	8.
1-11-4	335.5	3-10-3	42.
1-11-5	187.5	3-10-6	1106.2
1-12-5	72.	3-12-3	372.55
1-14-5	45.5	3-12-5	139.5
1.21-9-2	3.	3.65-5-3	2.
1¼-9-1½	25.	4-6-5	144.
1¼-9-2	49.4	4-7-1	12.5
1¼-9-3	23.25	4-8-3	2.5
1¼-9-4	97.	4-8-4	5162.49
1¼-10-2	263.	4-8-5	1185.5
1½-10-2½	2.	4-8-6	470.93
1½-10-4	64.	4-8-7	1961.04
1½-10-5	107.	4-8-10	50.43
1½-11-3	80.	4-12-4	102.98
1½-12-2	18.	4-16-4	478.7
1½-12-5	230.	4-16-6	145.67
1¾-10-3	204.	4-16-10	4.
1¾-10¼-2	130.	4½-8-2	13.8
2-7-7	203.	5-6-5	108.
2-8-2	675.53	5-7-3	28.75
2-8-3	736.5	5-7-5	1007.
2-8-4	160.	5-8-3	3.
2-8-5	27209.79	5-8-3½	1.
2-8-6	254.86	5-8-5	8281.70
2-8-7	136.99	5-8-7	500.64
2-8-10	3186.66	5-10-5	40.5
2-8½-2	29.	6-5-4	1.
2-9-2	2556.8	6-6-4	100.8
2-9-3	2713.77	6-6-7	38.
2-9-5	2024.09	6-8-3	3.
2-9-6	101.25	6-8-4	89.
2-10-2	135.06	6-8-8	197.
2-10-4	138.	6-18-6	6.22
2-10-5	585.8	7-6-5	8131.28
2-10-6	94.25	7-12-7	17.
2-12-2	3080.21	8-4-2	5.
2-12-4	2229.77	10-4-2	215.49
2-12-6	892.97	10-5-2	29.
2-12-8	80.	11-12-15	1.
2-14-4	20.	11-15-20	10.
2-16-8	861.2	15-4-4	1.
2⅛-8-4	29.	1½-14-0	97.
2¼-10-4	158.	2-10-0	21.
2.1-9.2-5	200.	5-8-0	227.

Guaranteed	Tons	Guaranteed	Tons
6-6-0	11.	Miscellaneous	188.48
10-5-0	415.78	Lime Phosphate	1017.92
0-4-7	312.25	0-13-0	30.5
0-7-5	200.	0-14-0	96.
0-8-5	31.	0-16-0	18566.79
0-8-6	107.	0-18-0	112.73
0-8-7	63.	0-20-0	177.26
0-10-2	50.50	Kainit	2575.73
0-10-4	383.4	Sulphate of Potash	34.4
0-10-5	639.3	Manure Salts	16.
0-10-8	197.	Muriate of Potash	552.48
0-10-10	53.	Nitrate of Soda	984.68
0-12-4	42.25	Sulphate of Ammonia	372.73
0-12-5	15971.99	Fish	5.50
0-12-6	1567.8	Low Grade Tankage	73.5
0-12-10	136.	High Grade Tankage	187.19
Mixed to order	5812.46	Blood	5.16
Sheep Manure	417.1	Bone Meal 3-50	577.22
Cattle Manure	24.	Bone Meal 4½-47	1104.88
Micro-organisms	6.	Dissolved Bone	83.1
Crab Tankage	1.5		
Total Tons			163,285.32

VALUES FOR SPRING OF 1927

Since the analysis in our laboratory gives the percentage or pounds per hundred, it is only necessary to multiply the price per pound by 20 in order to get the value of one per cent. for one ton of fertilizer. This is designated in the following table as the value per unit. A unit is one per cent. of one ton, or 20 pounds.

Table for Calculating Fertilizer Values:

	Per Unit
(1) Nitrogen calculated as ammonia	$4.00
(2) Available phosphoric acid	
(a) In mixed fertilizers or in dissolved rock	.80
(b) In tankage or ground bone	.60
(3) Insoluble phosphoric acid	.15
(4) Potash	.80

The values given above are not for the purpose of fixing the commercial value of mixed fertilizers, but are for comparative purposes only. They are furnished to be used in comparing the value of the plant food found by our chemists with that guaranteed by the manufacturer. They can be used advantageously by fertilizer purchasers in calculating the relative values of the various brands offered for sale by the different manufacturers.

TABLES

The following pages contain a detailed report of the results obtained in the inspection of fertilizers from January 1, to August 1, 1927:

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Agricultural Corporation of Marylan	**d, Baltimore, Md.**												
Md. Public Formula, 4-8-7	Baltimore	**3.26**	2.70	**3.94**	4.00	**.55**	.....	**9.55**	8.00	**7.36**	7.00	**$29.37**	$28.00
Md. Public Formula, 6-8-8	Baltimore	**5.17**	4.50	**5.99**	6.00	**.35**	.....	**9.05**	8.00	**9.48**	8.00	**38.83**	36.80
Md. Public Formula, 2-8-5	Baltimore	**1.95**	.50	**2.26**	2.00	**.60**	.....	**8.70**	8.00	**5.00**	5.00	**20.09**	18.40
Md. Public Formula, 2-8-5	Havre de Grace	.....	.....	**2.56**	2.00	**.75**	.....	**9.50**	8.00	**6.60**	5.00	**23.23**	18.40
Md. Public Formula, 10-5-0	Baltimore	**8.37**	8.00	**10.28**	10.00	**.50**	.....	**6.30**	5.00	.....	.....	**46.24**	44.00
American Agricultural Chemical Co.	**, New York, N. Y.**												
Acid Phosphate, 16%	Baltimore	.....	.....	.....	.....	**1.00**	.....	**16.70**	16.00	.....	.....	**13.51**	12.80
Acid Phosphate, 16%	Baltimore	.....	.....	.....	.....	**1.00**	.....	**16.60**	16.00	.....	.....	**13.43**	12.80
Acme Fertilizer, 1-9-4	Baltimore	**.86**	.43	**1.01**	1.00	**.60**	.....	**9.80**	9.00	**4.08**	4.00	**15.23**	14.40
Acme Fertilizer, 1-9-4	Baltimore	**.75**	.43	**.99**	1.00	**.60**	.....	**9.60**	9.00	**4.00**	4.00	**14.93**	14.40
Acme Fertilizer, 1-9-4	Baltimore	**.68**	.43	**.99**	1.00	**.55**	.....	**10.25**	9.00	**4.00**	4.00	**15.44**	14.40
Acme Fertilizer, 1-9-4	Baltimore	**.82**	.43	**1.11**	1.00	**.65**	.....	**8.95**	9.00	**4.12**	4.00	**15.00**	14.40
Acme Fertilizer, 1-9-4	Baltimore	**.60**	.43	**1.01**	1.00	**1.05**	.....	**8.95**	9.00	**4.08**	4.00	**14.62**	14.40
Agrico Fertilizer for Corn, 3-10-6	Baltimore	**2.64**	1.52	**3.07**	3.00	**.75**	.....	**10.05**	10.00	**6.16**	6.00	**25.36**	24.80
Agrico Fertilizer for Corn, 3-10-6	Baltimore	**2.89**	1.52	**3.16**	3.00	**.80**	.....	**10.70**	10.00	**5.74**	6.00	**25.91**	24.80
Agrico Fertilizer for Corn, 3-10-6	Baltimore	**2.73**	1.52	**3.19**	3.00	**.85**	.....	**10.45**	10.00	**6.32**	6.00	**26.31**	24.80
Agrico Fertilizer for Corn, 3-10-6	Baltimore	**2.85**	1.52	**3.11**	3.00	**1.05**	.....	**10.35**	10.00	**6.32**	6.00	**25.94**	24.80
Agrico Fertilizer for Corn, 3-10-6	Baltimore	**2.77**	1.52	**3.11**	3.00	**.85**	.....	**10.35**	10.00	**6.24**	6.00	**25.84**	24.80
Agrico Fertilizer for Potatoes, 4-8-6	Baltimore	**3.52**	2.13	**3.98**	4.00	**.55**	.....	**8.15**	8.00	**6.32**	6.00	**27.58**	27.20
Agrico Fertilizer for Potatoes, 4-8-6	Baltimore	**3.58**	2.13	**4.11**	4.00	**.70**	.....	**8.50**	8.00	**5.84**	6.00	**28.02**	27.20
Agrico Fertilizer for Potatoes, 4-8-6	Baltimore	**3.80**	2.13	**4.04**	4.00	**.85**	.....	**8.25**	8.00	**6.00**	6.00	**27.69**	27.20
Agrico Fertilizer for Potatoes, 4-8-6	Baltimore	**3.52**	2.13	**3.81**	4.00	**.75**	.....	**8.65**	8.00	**6.16**	6.00	**27.20**	27.20
Agrico Fertilizer for Potatoes, 4-8-6	Baltimore	**3.58**	2.13	**3.99**	4.00	**.75**	.....	**8.45**	8.00	**6.36**	6.00	**27.92**	27.20
Agrico Fertilizer for Potatoes, 4-8-6	Baltimore	**3.58**	2.13	**3.99**	4.00	**.75**	.....	**8.75**	8.00	**6.00**	6.00	**27.87**	27.20
Agrico Fertilizer for Truck, 5-10-5	Baltimore	**4.57**	3.28	**5.00**	5.00	**.70**	.....	**10.30**	10.00	**5.04**	5.00	**32.38**	32.00
Agrico Fertilizer for Grain, 2-12-4	Baltimore	**2.06**	1.03	**2.23**	2.00	**.80**	.....	**12.10**	12.00	**4.16**	4.00	**22.05**	20.80
Basic Lime Phosphate, 0-13-0	Baltimore	.....	.....	.....	.....	**1.65**	.....	**13.65**	13.00	.....	.....	**11.17**	10.40
Basic Lime Phosphate, 0-13-0	Baltimore	.....	.....	.....	.....	**2.53**	.....	**12.97**	13.00	.....	.....	**10.76**	10.40
Early Trucker Fertilizer, 5-8-5	Baltimore	**4.30**	2.92	**5.00**	5.00	**.45**	.....	**8.25**	8.00	**5.00**	5.00	**30.67**	30.40
Early Trucker Fertilizer, 5-8-5	Baltimore	**4.13**	2.92	**4.78**	5.00	**.60**	.....	**8.00**	8.00	**5.00**	5.00	**29.61**	30.40
Early Trucker Fertilizer, 5-8-5	Baltimore	**4.46**	2.92	**4.90**	5.00	**.60**	.....	**8.10**	8.00	**5.00**	5.00	**30.17**	30.40
Early Trucker Fertilizer, 5-8-5	Baltimore	**4.51**	2.92	**5.02**	5.00	**.55**	.....	**8.05**	8.00	**5.08**	5.00	**30.66**	30.40
Early Trucker Fertilizer, 5-8-5	Baltimore	**4.31**	2.92	**4.83**	5.00	**.60**	.....	**8.60**	8.00	**5.36**	5.00	**30.54**	30.40
Early Trucker Fertilizer, 5-8-5	Baltimore	**4.59**	2.92	**5.07**	5.00	**.60**	.....	**8.20**	8.00	**5.20**	5.00	**31.09**	30.40

Early Trucker Fertilizer, 5-8-5	Baltimore	4.13	2.92	4.78	5.00	.60		8.00	8.00	5.00	5.00	29.61	30.40
Early Trucker Fertilizer, 5-8-5	Baltimore	4.46	2.92	4.90	5.00	.60		8.10	8.00	5.00	5.00	30.17	30.40
Early Trucker Fertilizer, 5-8-5	Baltimore	4.51	2.92	5.02	5.00	.55		8.05	8.00	5.08	5.00	30.66	30.40
Early Trucker Fertilizer, 5-8-5	Baltimore	4.31	2.92	4.83	5.00	.60		8.60	8.00	5.36	5.00	30.54	30.40
Early Trucker Fertilizer, 5-8-5	Baltimore	4.59	2.92	5.07	5.00	.60		8.20	8.00	5.20	5.00	31.09	30.40
Gold Eagle Fertilizer, 3-8-8	Baltimore	2.70	1.52	3.11	3.00	.70		8.00	8.00	8.16	8.00	25.48	24.80
Gold Eagle Fertilizer,3-8-8	Baltimore	2.93	1.52	3.17	3.00	.60		8.20	8.00	8.08	8.00	25.79	24.80
Gold Eagle Fertilizer, 3-8-8	Baltimore	2.94	1.52	3.25	3.00	.55		8.55	8.00	7.12	8.00	25.62	24.80
Gold Eagle Fertilizer, 3-8-8	Baltimore	2.64	1.52	3.02	3.00	.65		7.95	8.00	8.16	8.00	25.07	24.80
Golden Leaf Tobacco Fertilizer, 4-8-7	Baltimore	3.61	2.13	3.99	4.00	.75		8.25	8.00	7.00	7.00	28.27	28.00
Golden Leaf Tobacco Fertilizer, 4-8-7	Baltimore	3.81	2.13	4.10	4.00	.65		8.15	8.00	7.36	7.00	28.91	28.00
Kainit, 0-0-12.40	Baltimore									12.48	12.40		
Kainit, 0-0-12.40	Baltimore									12.48	12.40		
Kainit, 0-0-12.40	Baltimore									12.00	12.40		
Kangaroo Komplete Kompound, 2-9-3	Baltimore	1.81	1.03	2.01	2.00	.80		9.70	9.00	3.36	3.00	18.61	17.60
Monarch Fertilizer,4-8-4	Baltimore	3.41	2.13	3.84	4.00	.55		8.45	8.00	4.16	4.00	25.53	25.60
Monarch Fertilizer, 4-8-4	Baltimore	3.67	2.13	4.01	4.00	.60		8.20	8.00	4.00	4.00	25.89	25.60
Monarch Fertilizer, 4-8-4	Baltimore	3.69	2.13	4.03	4.00	.80		8.00	8.00	4.36	4.00	26.13	25.60
Monarch Fertilizer, 4-8-4	Baltimore	3.24	2.13	4.01	4.00	.75		7.95	8.00	4.00	4.00	25.71	25.60
Monarch Fertilizer, 4-8-4	Baltimore	3.77	2.13	4.06	4.00	.75		8.25	8.00	4.00	4.00	26.15	25.60
Nitrate of Soda, 18.23-0-0	Baltimore			18.60	18.23								
Old Hickory Fertilizer, 2-8-10	Baltimore	1.36	1.25	2.08	2.00	.80		8.50	8.00	10.36	10.00	23.53	22.40
Plant Bed Fertilizer 10%,10-5-0	Baltimore	8.92	6.08	9.47	10.00	.25		5.65	5.00			42.44	44.00
Plant Bed Fertilizer 10%, 10-5-0	Baltimore	8.80	6.08	9.31	10.00	.25		5.05	5.00			41.32	44.00
Plant Bed Fertilizer 10%, 10-5-0	Baltimore	8.99	6.08	9.64	10.00	.25		5.45	5.00			42.96	44.00
Pure Raw Bone, 4½-20.60	Baltimore			4.33	4.50			*24.10	*20.60			31.78	30.36
Pure Raw Bone, 4½-20.60	Baltimore			4.57	4.50			*24.35	*20.60			32.89	30.36
Red Leaf Tobacco Fertilizer, 4-8-10	Baltimore	3.35	2.13	3.69	4.00	.55		7.55	8.00	9.04	10.00	28.11	30.40
Red Leaf Tobacco Fertilizer , 4-8-10	Baltimore	3.84	2.13	4.16	4.00	.50		8.00	8.00	10.02	10.00	31.14	30.40
Red Dog Fertilizer, 2-8-5	Baltimore	1.64	1.03	1.98	2.00	.65		8.45	8.00	5.00	5.00	18.78	18.40
Red Dog Fertilizer, 2-8-5	Baltimore	1.83	1.03	2.10	2.00	.65		8.25	8.00	5.00	5.00	19.10	18.40
Red Dog Fertilizer, 2-8-5	Baltimore	1.67	1.03	1.98	2.00	.60		8.60	8.00	5.00	5.00	18.89	18.40
Red Dog Fertilizer, 2-8-5	Baltimore	1.41	1.03	2.01	2.00	.85		8.35	8.00	5.20	5.00	19.01	18.40
Red Dog Fertilizer, 2-8-5	Baltimore	1.66	1.03	2.05	2.00	.80		8.50	8.00	5.12	5.00	19.22	18.40
Red Dog Fertilizer, 2-8-5	Baltimore	1.75	1.03	2.01	2.00	.80		8.30	8.00	5.24	5.00	18.99	18.40
7-6-5 Fertilizer	Baltimore	6.04	4.13	6.55	7.00	.30		6.20	6.00	5.12	5.00	35.31	36.80
7-6-5 Fertilizer	Baltimore	6.25	4.13	6.75	7.00	.55		6.15	6.00	4.74	5.00	35.79	36.80
Sweepstakes Tobacco Fertilizer, 3-8-3	Baltimore	2.75	1.52	2.99	3.00	.80		8.00	8.00	3.16	3.00	21.01	20.80
Sweepstakes Tobacco Fertilizer, 3-8-3	Baltimore	2.72	1.52	2.99	3.00	.70		8.00	8.00	3.12	3.00	20.97	20.80
Top Dresser Fertilizer, 5-8-0	Baltimore	4.39	2.92	4.83	5.00	.30		8.70	8.00			26.33	26.40
Victory Mixture, 0-12-5	Baltimore					.80		12.60	12.00	5.36	5.00	14.49	13.60
Detricks' Gold Basis Fertilizer, 7-6-5	Baltimore	5.95	4.13	6.55	7.00	.40		6.10	6.00	5.24	5.00	35.33	36.80
Detricks' Gold Basis Fertilizer, 7-6-5	Baltimore	5.34	4.13	6.30	7.00	.55		6.25	6.00	4.50	5.00	33.88	36.80
Lister's "G" Brand Fertilizer, 1-9-4	Baltimore	.97	.43	1.19	1.00	.80		10.00	9.00	4.32	4.00	16.34	14.40
Lister's Golden Crown Fertilizer, 2-8-10	Baltimore	1.74	1.03	1.98	2.00	.75		8.13	8.00	10.40	10.00	22.85	22.40
Lister's Harvest Queen Fertilizer, 2-8-5	Baltimore	1.59	1.03	2.05	2.00	.80		8.20	8.00	5.36	5.00	19.17	18.40

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
American Agricultural Chemical Co., New York, N. Y.	(Continued)												
Patapsco Coon Brand Fertilizer, 1-9-4	Baltimore	.70	.43	1.08	1.00	.75	.....	10.05	9.00	4.04	4.00	$15.70	$14.40
Patapsco Unexcelled Fertilizer, 4-8-4	Baltimore	3.07	2.13	3.63	4.00	.70	.....	8.40	8.00	4.04	4.00	24.58	25.60
Slingluff's Plant Bed Fertilizer, 10-5-2	Baltimore	8.93	6.08	9.58	10.00	.35	.....	4.95	5.00	2.04	2.00	43.96	45.60
Slingluff's Plant Bed Fertilizer, 10-5-2	Baltimore	9.30	6.08	9.81	10.00	.25	.....	5.25	5.00	2.08	2.00	45.14	45.60
Slingluff's Plant Bed Fertilizer, 10-5-2	Baltimore	9.23	6.08	9.81	10.00	.20	.....	5.40	5.00	2.16	2.00	45.32	45.60
Slingluff's Plant Bed Fertilizer, 10-5-2	Baltimore	9.25	6.08	9.80	10.00	.20	.....	5.60	5.00	2.28	2.00	45.53	45.60
Slingluff's Plant Bed Fertilizer, 10-5-2	Baltimore	8.69	6.08	9.20	10.00	.25	.....	4.95	5.00	3.30	2.00	43.44	45.60
Slingluff's Plant Bed Fertilizer, 10-5-2	Baltimore	9.48	6.08	10.03	10.00	.20	.....	5.10	5.00	2.04	2.00	45.86	45.60
Slingluff's Plant Bed Fertilizer, 10-5-2	Baltimore	9.23	6.08	9.74	10.00	.60	.....	5.00	5.00	2.04	2.00	44.68	45.60
Armour Fertilizer Works, Baltimore, Md.													
Big Crop Acid Phosphate, 0-16-0	Mt. Lake Park	.....	.....	.....	.....	.90	.....	16.10	16.00	.....	.....	13.02	12.80
Big Crop Superphosphate, 0-20-0	Mt. Lake Park	.....	.....	.....	.....	.45	.....	20.55	20.00	.....	.....	16.51	16.00
Big Crop 5-8-5	Baltimore	3.99	2.50	4.71	5.00	.55	.....	8.25	8.00	5.00	5.00	29.52	30.40
Big Crop 5-8-5	Baltimore	4.11	2.50	4.83	5.00	.20	.....	9.00	8.00	5.08	5.00	30.61	30.40
Big Crop 5-8-5	Baltimore	4.29	2.50	5.07	5.00	.30	.....	8.80	8.00	5.76	5.00	31.98	30.40
Big Crop 4-8-4	Vienna	3.21	2.00	3.67	4.00	.30	.....	8.60	8.00	4.28	4.00	25.03	25.60
Big Crop 4-8-4	Baltimore	3.27	2.00	3.60	4.00	.60	.....	8.30	8.00	4.08	4.00	24.39	25.60
Big Crop 4-8-4	Baltimore	3.64	2.00	4.03	4.00	.50	.....	8.70	8.00	3.70	4.00	26.12	25.60
Big Crop Potato Grower, 4-8-7	Maugansville	3.57	2.00	4.03	4.00	.30	.....	8.60	8.00	7.24	7.00	28.84	28.00
Big Crop 4-16-4	Baltimore	4.09	.....	4.18	4.00	.70	.....	16.70	16.00	4.36	4.00	33.68	32.00
Big Crop 1-9-4	Baltimore	.90	.50	1.19	1.00	.35	.....	9.45	9.00	4.36	4.00	15.86	14.40
Big Crop 1-9-4	Middletown	.68	.50	1.02	1.00	.35	.....	9.35	9.00	4.00	4.00	14.81	14.40
Big Crop 1-9-4	Baltimore	.73	.50	1.16	1.00	.45	.....	9.05	9.00	4.12	4.00	15.25	14.40
Big Crop 7-6-5	Baltimore	5.74	3.50	6.52	7.00	.25	.....	6.65	6.00	5.16	5.00	35.57	36.80
Big Crop 7-6-5	Baltimore	5.38	3.50	6.20	7.00	.20	.....	6.70	6.00	5.00	5.00	34.19	36.80
Big Crop 7-6-5	Baltimore	5.17	3.50	6.02	7.00	.15	.....	6.45	6.00	5.08	5.00	33.32	36.80
Big Crop 7-6-5	Baltimore	6.21	3.50	7.06	7.00	.45	.....	6.75	6.00	5.08	5.00	37.77	36.80
Big Crop 7-6-5	Baltimore	6.18	3.50	7.00	7.00	.20	.....	7.10	6.00	5.00	5.00	37.71	36.80
Big Crop 7-6-5	Baltimore	5.63	3.50	6.48	7.00	.30	.....	6.40	6.00	4.71	5.00	34.86	36.80
Big Crop 7-6-5	Baltimore	5.79	3.50	6.68	7.00	.35	.....	6.65	6.00	5.20	5.00	36.25	36.80
Big Crop 2-8-5	Baltimore	1.67	1.00	2.01	2.00	.65	.....	8.25	8.00	5.28	5.00	18.96	18.40
Big Crop 2-8-5	Detour	1.70	1.00	2.08	2.00	.45	.....	8.55	8.00	5.08	5.00	19.29	18.40
Big Crop 2-8-5	Baltimore	1.49	1.00	2.00	2.00	.30	.....	8.30	8.00	5.04	5.00	18.72	18.40
Big Crop 2-8-5	Baltimore	1.77	1.00	2.06	2.00	.25	.....	8.35	8.00	5.20	5.00	19.12	18.40

Big Crop 7-6-5	Baltimore	5.63	3.50	6.48	7.00	.30	6.40	6.00	4.71	5.00	34.86	36.80
Big Crop 7-6-5	Baltimore	5.79	3.50	6.68	7.00	.35	6.65	6.00	5.20	5.00	36.25	36.80
Big Crop 2-8-5	Baltimore	1.67	1.00	2.01	2.00	.65	8.25	8.00	5.28	5.00	18.96	18.40
Big Crop 2-8-5	Detour	1.70	1.00	2.08	2.00	.45	8.55	8.00	5.08	5.00	19.29	18.40
Big Crop 2-8-5	Baltimore	1.49	1.00	2.00	2.00	.30	8.30	8.00	5.04	5.00	18.72	18.40
Big Crop 2-8-5	Baltimore	1.77	1.00	2.06	2.00	.25	8.35	8.00	5.20	5.00	19.12	18.40
Big Crop 2-8-10	Baltimore	1.71	1.00	2.05	2.00	.55	8.25	8.00	10.16	10.00	23.01	22.40
Big Crop 2-10-4	Mt. Lake Park	1.83	1.00	2.21	2.00	.55	10.85	10.00	4.32	4.00	21.06	19.20
Big Crop 2-12-2	Mt. Lake Park	1.69	1.00	2.15	2.00	.65	12.35	12.00	2.32	2.00	20.44	19.20
Big Crop 2-16-8	Vienna	1.84	1.00	2.06	2.00	.50	16.40	16.00	8.00	8.00	27.84	27.20
Big Crop 10-5-0	Baltimore	9.15	5.00	10.21	10.00	.65	5.25	5.00			45.14	44.00
Big Crop 3-8-3	Mt. Lake Park	2.39	1.50	2.99	3.00	.35	8.25	8.00	3.64	3.00	21.52	20.80
Big Crop 0-12-5	Maugansville					.65	12.45	12.00	5.58	5.00	14.52	13.60
Armour Fertilizer Works, Baltimore, Md.												
Big Crop Sweet Potato Grower, 3-8-8	Baltimore	2.75		3.01	3.00	.30	8.00	8.00	8.16	8.00	25.02	24.80
Big Crop Sweet Potato Grower, 3-8-8	Baltimore	2.58		3.14	3.00	.40	7.90	8.00	9.00	8.00	26.14	24.80
Big Crop Tobacco Grower, 6-8-4	Baltimore	4.76	3.00	6.11	6.00	.25	8.85	8.00	4.64	4.00	35.27	33.60
Big Crop Tobacco Grower, 6-8-4	Baltimore	5.03	3.00	6.19	6.00	.20	8.10	8.00	4.90	4.00	35.19	33.60
Big Crop Tomato Grower, 3-10 6	Baltimore	2.50	1.50	3.17	3.00	.30	10.30	10.00	6.04	6.00	25.80	24.80
Big Crop Tomato Grower, 3-10-6	Baltimore	2.48	1.50	3.11	3.00	.25	10.55	10.00	6.16	6.00	25.85	24.80
Kainit, 0-0-12	Baltimore								13.36	12.00		
Kainit, 0-0-12	Baltimore								14.00	12.00		
Lime Phosphate, 0-13-0	Baltimore					1.35	13.05	13.00			10.64	10.40
Lawn & Garden Grower, 6-8-6	Middletown	5.88	3.00	6.14	6.00	6.05	9.55	8.00	6.76	6.00	38.52	35.20
Muriate of Potash 0-0-48	Deer Park								54.00	48.00		
Sheep Manure, 1 -1-2	Baltimore			1.96	1.50		*1.30	*1.00	3.56	2.50	11.47	8.60
Associated Chemical Co., Baltimore, Md.												
Kainit	Baltimore								13.28	12.40		
Manure Salts	Baltimore								20.64	20.00		
Baltimore Fertilizer Co., Baltimore, Md.												
Honest Acid Phosphate, 0-16-0	Glyndon					1.20	17.90	16.00			14.50	12.80
Honest Ammoniated Bone, 2-8-2	Baltimore	1.63	.60	2.01	2.00	1.33	7.77	8.00	4.24	2.00	17.85	16.00
Honest 2-8-5	Baltimore	1.61	.60	2.00	2.00	1.10	8.50	8.00	4.56	5.00	18.62	18.40
Honest 2-8-5	Glyndon	1.44	1.00	2.00	2.00	1.10	8.10	8.00	5.62	5.00	19.15	18.40
Honest 3-8-5	Baltimore	2.73	1.48	3.19	3.00	1.25	8.85	8.00	5.36	5.00	24.32	22.40
Old Honesty, 1-11-2	Glyndon	.27	.49	.99	1.00	1.15	10.70	11.00	2.36	2.00	14.58	14.40
Tobacco Bed Mixture, 10-4-2	Baltimore	7.92	4.98	9.01	10.00	1.15	5.25	4.00	2.60	2.00	42.49	44.80
Tobacco Bed Mixture, 10-4-2	Baltimore	7.56	4.98	8.65	10.00	1.10	5.60	4.00	2.36	2.00	41.14	44.80
Baltimore Pulverizing Co., Baltimore, Md.												
Acid Phosphate	Baltimore					1.00	16.70	16.00			13.51	12.80
Climax Guano	Baltimore	3.13	3.28	4.03	4.00	.55	8.75	8.00	5.04	5.00	27.23	26.40
Climax Guano	Baltimore	3.38	3.28	4.11	4.00	.65	9.05	8.00	5.82	5.00	28.44	26.40
Harvest King	Baltimore	.58	.50	1.14	1.00	.85	10.25	10.00	4.80	4.00	16.73	15.20

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Baltimore Pulverizing Co., Baltimore, Md. (Continued)													
Ideal Fertilizer	Baltimore	**1.59**	1.21	**2.08**	2.00	**1.05**	.....	**8.75**	8.00	**5.32**	5.00	**$19.74**	$18.40
Special Strawberry Compound	Baltimore	**3.27**	2.98	**4.16**	4.00	**.95**	.....	**7.25**	7.00	**1.74**	1.00	**23.97**	22.40
Trucker's Choice	Baltimore	**2.24**	2.00	**3.40**	3.00	**.85**	.....	**7.75**	8.00	**3.36**	3.00	**22.62**	20.80
Barrett Co., New York, N. Y.													
Arcadian Sulphate of Ammonia	Baltimore	.....	.....	**25.80**	25.25	.....	.....	.....	.....	.....	.....	.....	.....
Baugh & Sons Co., Baltimore, Md.													
Acid Phosphate	Baltimore	.....	.....	.....	.....	**1.35**	.....	**16.95**	16.00	.....	.....	**13.76**	12.80
Acid Phosphate	Baltimore	.....	.....	.....	.....	**1.45**	.....	**17.25**	16.00	.....	.....	**14.02**	12.80
Acid Phosphate	Baltimore	.....	.....	.....	.....	**1.45**	.....	**16.75**	16.00	.....	.....	**13.62**	12.80
Animal Base & Potash Compound	Baltimore	**1.19**	.90	**2.06**	2.00	**1.10**	.....	**9.40**	9.00	**3.36**	3.00	**18.62**	17.60
Animal Base & Potash Compound	Grantsville	**1.47**	.90	**2.10**	2.00	**1.25**	.....	**9.25**	9.00	**3.20**	3.00	**18.55**	17.60
Complete Animal Base Fertilizer	Baltimore	**1.67**	.90	**2.08**	2.00	**1.15**	.....	**8.15**	8.00	**5.20**	5.00	**19.17**	18.40
Complete Animal Base Fertilizer	Baltimore	**1.89**	.90	**2.23**	2.00	**1.10**	.....	**8.10**	8.00	**5.20**	5.00	**19.73**	18.40
Corn & Oats Fertilizer	Baltimore	**1.73**	.90	**2.24**	2.00	**2.00**	.....	**12.10**	12.00	**2.32**	2.00	**20.80**	19.20
Excelsior Guano	Baltimore	**.65**	.60	**1.08**	1.00	**1.30**	.....	**9.10**	9.00	**4.04**	4.00	**15.03**	14.40
Excelsior Guano	Baltimore	**.64**	.60	**1.19**	1.00	**1.35**	.....	**9.15**	9.00	**4.28**	4.00	**15.70**	14.40
Fish Mixture	Baltimore	**1.43**	.90	**2.08**	2.00	**1.20**	.....	**9.40**	9.00	**3.00**	3.00	**18.42**	17.60
Fish Mixture	Baltimore	**2.00**	.90	**2.41**	2.00	**1.15**	.....	**9.15**	9.00	**3.58**	3.00	**19.99**	17.60
Fish Bone & Potash	Baltimore	**3.55**	2.42	**4.10**	4.00	**1.35**	.....	**8.15**	8.00	**4.16**	4.00	**26.45**	25.60
Fish Bone & Potash	Baltimore	**3.39**	2.42	**3.99**	4.00	**1.10**	.....	**8.50**	8.00	**4.00**	4.00	**26.13**	25.60
4-8-5	Baltimore	**3.36**	2.43	**4.01**	4.00	**1.05**	.....	**8.25**	8.00	**5.16**	5.00	**26.93**	26.40
4-8-10	Baltimore	**3.53**	2.43	**4.04**	4.00	**.85**	.....	**8.45**	8.00	**10.50**	10.00	**31.45**	30.40
Genuine Imported Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**15.28**	12.40	.....	.....
Grand Rapid Guano	Baltimore	**2.28**	1.83	**2.74**	3.00	**1.20**	.....	**10.80**	10.00	**3.00**	3.00	**22.18**	22.40
Half Century Perfection Brand	Baltimore	**2.74**	2.42	**3.80**	4.00	**1.40**	.....	**8.30**	8.00	**7.00**	7.00	**27.65**	28.00
New Process 10% Guano	Baltimore	**9.46**	7.29	**10.04**	10.00	**.65**	.....	**6.05**	5.00	.....	.....	**45.10**	44.00
New Process 10% Guano	Waldorf	**9.86**	7.29	**10.41**	10.00	**.55**	.....	**5.25**	5.00	.....	.....	**45.92**	44.00
New Process 10% Guano	Baltimore	**9.44**	7.29	**10.00**	10.00	**.85**	.....	**5.45**	5.00	.....	.....	**44.49**	44.00
New Process 10% Guano	Baltimore	**9.23**	7.29	**9.71**	10.00	**.65**	.....	**5.65**	5.00	.....	.....	**43.46**	44.00
New Process 10% Guano	Baltimore	**9.51**	7.29	**10.07**	10.00	**.60**	.....	**5.60**	5.00	.....	.....	**44.85**	44.00
Baugh & Sons Co., Baltimore, Md. (Continued)													
New Process 10% Guano	Baltimore	**9.66**	7.29	**10.21**	10.00	**.75**	.....	**5.55**	5.00	.....	.....	**45.39**	44.00

New Process 10% Guano	Baltimore	9.23	7.29	9.71	10.00	.65		5.65	5.00			43.46	44.00
New Process 10% Guano	Baltimore	9.51	7.29	10.07	10.00	.60		5.60	5.00			44.85	44.00
Baugh & Sons Co., Baltimore, Md. (C	ontiuned													
New Process 10%Guano	Baltimore	9.66	7.29	10.21	10.00	.75		5.55	5.00			45.39	44.00
New Process 10% Guano	Baltimore	9.17	7.29	9.89	10.00	.75		5.65	5.00			44.19	44.00
New Process 10% Guano	Baltimore	9.51	7.29	10.02	10.00	.60		5.50	5.00			44.57	44.00
New Process 10% Guano	Baltimore	9.47	7.29	9.90	10.00	.50		5.20	5.00			43.84	44.00
The Old Stand-By	Baltimore	1.65	.90	2.08	2.00	1.75		12.25	12.00	2.40	2.00	20.30	19.20
Peruvian Guano Substitute	Baltimore	4.50	3.65	5.05	5.00	1.20		8.60	8.00	5.32	5.00	31.52	30.40
Peruvian Guano Substitute	Baltimore	4.46	3.65	5.19	5.00	1.30		8.40	8.00	5.36	5.00	31.97	30.40
Peruvian Guano Substitute	Baltimore	4.45	3.65	5.00	5.00	.50		8.80	8.00	6.28	5.00	32.14	30.40
Peruvian Guano Substitute	Baltimore	4.65	3.65	5.09	5.00	.80		8.50	8.00	5.08	5.00	31.34	30.40
Peruvian Guano Substitute	Baltimore	4.65	3.65	5.20	5.00	1.20		8.40	8.00	5.28	5.00	31.92	30.40
Peruvian Guano Substitute	Baltimore	4.47	3.65	5.03	5.00	1.10		8.30	8.00	5.00	5.00	30.93	30.40
Peruvian Guano Substitute	Baltimore	4.57	3.65	5.03	5.00	1.10		8.30	8.00	5.00	5.00	30.93	30.40
Raw Bone Meal	Baltimore			4.61	4.50			*19.64	*21.50			30.22	30.90
Raw Bone Meal	Baltimore			4.83	4.50			*19.20	*21.50			30.84	30.90
Sheep Manure	Baltimore			3.08	2.00			*1.70	*1.00	1.00	1.00	14.14	9.40
Special Potato Manure	Baltimore	1.84	.90	2.25	2.00	1.10		8.10	8.00	5.12	5.00	19.75	18.40
Special Tobacco Guano	Baltimore	3.40	2.42	4.03	4.00	1.25		8.25	8.00	4.08	4.00	26.17	25.60
Special Tobacco Guano	Baltimore	3.22	2.42	3.83	4.00	1.15		8.75	8.00	4.20	4.00	25.85	25.60
Special Tobacco Guano	Baltimore	3.35	2.42	3.86	4.00	1.25		8.55	8.00	4.00	4.00	25.67	25.60
Special Tobacco Guano	Baltimore	2.93	2.42	3.77	4.00	1.15		8.55	8.00	4.04	4.00	25.32	25.60
Special Tobacco Guano	Baltimore	3.15	2.42	3.73	4.00	1.15		8.85	8.00	4.20	4.00	25.53	25.60
7% Potato Guano	Baltimore	6.26	4.86	7.10	7.00	1.10		6.10	6.00	5.32	5.00	37.71	36.80
7% Potato Guano	Baltimore	5.98	4.86	7.00	7.00	1.10		6.10	6.00	5.36	5.00	37.34	36.80
7% Potato Guano	Baltimore	6.70	4.86	7.08	7.00	.65		6.45	6.00	4.70	5.00	37.34	36.80
7% Potato Guano	Baltimore	6.37	4.86	7.10	7.00	.75		6.55	6.00	5.00	5.00	37.75	36.80
Sulphate of Ammonia	Baltimore			24.77	25.00								
Sweet Potato Guano	Baltimore	2.03	1.83	3.00	3.00	1.30		8.50	8.00	8.08	8.00	25.46	24.80
Beckley Fertilizer Co., Halfway, Md.													
Crop Grower	Halfway	.61		1.16	1.00	2.00		9.60	9.00	4.36	4.00	16.11	14.40
Potato Grower	Halfway	1.49		1.88	2.00	.75		8.95	8.00	10.00	10.00	22.79	22.40
J. Bolgiano Seed Co., Baltimore, M	d.												
Square Deal Blood Meal	Baltimore			17.60	16.00			*1.30	*2.00			71.18	65.20
Square Deal Bone Meal	Baltimore			4.43	3.00			*24.60	*22.88			32.48	25.73
Square Deal Lawn Dressing	Baltimore			2.88	2.25			*2.10	*1.50	3.24	2.00	15.37	11.50
Bon Arbor Chemical Co., Paterson, N	. J.												
Unsurpassed Soluble Plant Life	Baltimore	18.41		18.48	19.00			5.50	4.00	6.96	4.00	83.89	82.40
Central Chemical Co., Hagerstown,	**Md.**												
"M.B.W." Acid Phosphate	Baltimore					1.35		16.65	16.00			13.52	12.80
"M.B.W." Franklin Special	Mt. Lake Park	2.25	.60	3.05	3.00	1.05		8.25	8.00	2.74	3.00	21.15	20.80

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Central Chemical Co., Hagerstown,	**Md.** (Continued)												
"M.B.W." Franklin Special	Baltimore	**2.56**	.60	**3.05**	3.00	**1.00**	.....	**8.40**	8.00	**3.74**	3.00	**$22.06**	$20.80
"M.B.W." Franklin Special	Baltimore	**2.56**	.60	**3.02**	3.00	**.70**	.....	**8.60**	8.00	**4.02**	3.00	**22.29**	20.80
"M.B.W." 2-8-5	Baltimore	**1.59**	.60	**2.00**	2.00	**1.10**	.....	**8.00**	8.00	**5.36**	5.00	**18.86**	18.40
"Gro-All" Dissolved Phosphate	Hancock	.....	.....	.....	.....	**.75**	.....	**17.25**	16.00	.....	.....	**13.91**	12.80
"Gro-All" Canners Special	Mt. Lake Park	**2.73**	.....	**3.19**	3.00	**.80**	.....	**8.40**	8.00	**5.36**	5.00	**23.89**	22.40
"Gro-All" Crown Jewel	Hancock	**.63**	.60	**1.14**	1.00	**2.35**	.....	**9.65**	9.00	**4.00**	4.00	**15.83**	14.40
"Gro-All" Excelsior	Baltimore	**1.26**	.60	**1.77**	2.00	**.75**	.....	**8.95**	8.00	**5.00**	5.00	**18.35**	18.40
'Gro-All" Excelsior	Frederick	**1.53**	.60	**2.01**	2.00	**.60**	.....	**8.30**	8.00	**5.28**	5.00	**18.99**	18.40
"Gro-All" Fish & Potash Compound	Hancock	**.66**	.60	**1.26**	1.25	**1.15**	.....	**9.75**	9.00	**4.12**	4.00	**16.31**	15.40
"Gro-All" Grain & Grass Grower	Mt. Lake Park	**1.88**	.....	**2.12**	2.00	**.85**	.....	**11.95**	12.00	**2.16**	2.00	**19.90**	19.20
"Gro-All" Potato Special	Frederick	**3.44**	.....	**4.11**	4.00	**.40**	.....	**9.40**	8.00	**7.32**	7.00	**29.88**	28.00
"Gro-All" Potash Special	Frederick	.....	.....	.....	.....	**.85**	.....	**12.55**	12.00	**5.00**	5.00	**14.17**	13.60
"Gro-All" Super Fish	Frederick	**1.07**	.....	**1.96**	2.00	**.90**	.....	**12.60**	12.00	**6.36**	6.00	**23.15**	22.40
Delaware River Chemical Works, Baltimore, Md.													
Acid Phosphate, 0-16-0	Baltimore	.....	.....	.....	.....	**1.15**	.....	**17.45**	16.00	.....	.....	**14.13**	12.80
4-8-4	Baltimore	**3.22**	2.43	**3.99**	4.00	**1.15**	.....	**8.45**	8.00	**4.08**	4.00	**26.15**	25.60
1-9-4	Baltimore	**.45**	.60	**1.08**	1.00	**1.45**	.....	**9.45**	9.00	**4.24**	4.00	**15.49**	14.40
L. E. P. Dennis & Son Co., Crisfield,	**Md.**												
Fish Fertilizer, 5-8-5	Snow Hill	**3.68**	1.66	**4.82**	5.00	**.65**	.....	**8.65**	8.00	**5.92**	5.00	**31.04**	30.40
Fish Fertilizer, 5-8-5	Crisfield	**3.34**	1.66	**4.42**	5.00	**.55**	.....	**8.55**	8.00	**5.70**	5.00	**29.16**	30.40
7% Fish Fertilizer	Crisfield	**6.19**	2.34	**7.38**	7.00	**.50**	.....	**6.60**	6.00	**5.24**	5.00	**39.07**	36.80
7% Fish Fertilizer	Crisfield	**5.61**	2.34	**6.70**	7.00	**.50**	.....	**7.10**	6.00	**5.32**	5.00	**36.82**	36.80
Fish Fertilizer, 2-8-5	Crisfield	**1.49**	.67	**2.26**	2.00	**.60**	.....	**8.70**	8.00	**5.16**	5.00	**20.22**	18.40
Fish Fertilizer, 3-8-5	Crisfield	**2.00**	.85	**3.02**	3.00	**.70**	.....	**8.20**	8.00	**6.42**	5.00	**23.89**	22.40
Fish Fertilizer, 3-6-8	Crisfield	**2.20**	.85	**3.19**	3.00	**.50**	.....	**6.70**	6.00	**8.24**	8.00	**24.79**	23.20
Devilbiss Bros., New Windsor, Md.													
Acid Phosphate, 0-16-0	New Windsor	.....	.....	.....	.....	**.75**	.....	**17.95**	16.00	.....	.....	**14.47**	12.80
Butcher House, 1-10-5	New Windsor	**.85**	.....	**1.28**	1.00	**.50**	.....	**12.30**	10.00	**6.36**	5.00	**20.13**	16.00
Wheat Grower, 1-9-3	New Windsor	**.73**	.35	**1.19**	1.00	**.40**	.....	**11.20**	9.00	**3.36**	3.00	**16.47**	13.60
Diamond Fertilizer Co., Baltimore, Md.													
Acid Phosphate	Burtonsville	.....	.....	.....	.....	**.35**	.....	**16.25**	16.00	.....	.....	**13.05**	12.80

Butcher House, 1-10-5	New Windsor	.85		1.28	1.00	.50		12.30	10.00	6.36	5.00	20.13	16.00
Wheat Grower, 1-9-3	New Windsor	.73	.35	1.19	1.00	.40		11.20	9.00	3.36	3.00	16.47	13.60
Diamond Fertilizer Co., Baltimore, Md.													
Acid Phosphate	Burtonsville					.35		16.25	16.00			13.05	12.80
Muriate of Potash	Burtonsville									51.50	48.00		
Sulphate of Ammonia	Burtonsville			25.34	25.00								
Tankage	Burtonsville			7.22	9.00								
Wonder Grower	Laurel	4.28	4.25	4.54	5.00	.90		8.30	8.00	5.36	5.00	29.23	30.40
Dorchester Fertilizer Co., Cambridge, Md.													
Acid Phosphate, H. G	Cambridge					.80		16.90	16.00			13.64	12.80
Acid Phosphate, H. G	Cambridge					.80		16.40	16.00			13.24	12.80
Alsatian Kainit	Cambridge									14.72	12.40		
Alsatian Kainit	Cambridge									15.40	12.40		
Corn Grower	Cambridge					.50		8.50	7.00	7.08	7.00	12.54	11.20
Crop Compound	Cambridge	3.40	2.00	3.83	4.00	1.10		9.20	8.00	4.86	4.00	26.74	25.60
Farmers' Delight	Cambridge	6.03	4.13	6.37	7.00	.70		7.90	6.00	5.00	5.00	35.91	36.80
Farmers' Favorite	Cambridge	1.57	1.50	2.00	2.00	.35		8.65	8.00	10.40	10.00	23.29	22.40
Farmers' Favorite	Cambridge	2.04	1.50	2.40	2.00	.15		9.25	8.00	10.40	10.00	25.34	22.40
Fish Mixture	Cambridge	1.51	1.25	2.06	2.00	.80		10.20	9.00	3.62	3.00	19.42	17.60
Fish Mixture	Baltimore	1.60	1.25	2.01	2.00	.75		10.55	9.00	3.32	3.00	19.25	17.60
Old Dorset	Cambridge	.60	.60	1.06	1.00	.55		9.25	9.00	5.86	4.00	16.41	14.40
Our Special	Cambridge	1.69	1.15	2.12	2.00	.80		8.60	8.00	5.24	5.00	19.67	18.40
Our Special	Cambridge	2.58	1.15	2.96	2.00	.35		8.35	8.00	5.86	5.00	23.26	18.40
Sweet Potato Compound	Cambridge	2.63	1.40	3.19	3.00	.95		8.65	8.00	8.00	8.00	26.22	24.80
10% Potash Mixture	Cambridge					.20		6.60	4.00	10.40	10.00	13.63	11.20
Truck Grower	Cambridge	2.90	2.40	3.36	5.00	.65		9.75	8.00	5.36	5.00	25.63	30.40
Dumont Fertilizer Co., Inc., Philadelphia, Pa.													
Five Eight & Five	Baltimore	3.60	3.04	4.73	5.00	.40		8.40	8.00	9.14	5.00	33.01	30.40
Four Eight & Five	Fullerton	2.94		3.54	4.00	.80		8.20	8.00	5.90	5.00	25.56	26.40
Pure Ground Bone	Baltimore			2.37	3.00			*25.10	*23.00			24.54	25.80
Raw Bone Meal	Fullerton			3.38	4.50			*24.90	*21.00			28.46	30.60
Three Eight & Four	Baltimore	2.35		3.00	3.00	.60		9.10	8.00	5.28	4.00	23.59	21.60
Earp-Thomas Cultures Corp., Long Island City, N. Y.													
Stim-U-plant	Baltimore	12.48		12.75	13.37	.40		13.90	12.00	16.80	15.00	75.62	75.08
Edelen Bros., Baltimore, Md.													
Red Tobacco Guano	Baltimore	2.41	.60	2.80	3.00	.85		8.25	8.00	5.76	6.00	22.54	23.20
Red Tobacco Guano	Baltimore	2.30	.60	2.81	3.00	1.05		8.35	8.00	6.00	6.00	22.88	23.20
10% Tobac. Bed Spec. with 2% Pot.	Baltimore	8.36	.60	9.52	10.00	.80		5.00	4.00	2.32	2.00	44.06	44.80
10% Tobac. Bed Spec. with 2% Pot.	Baltimore	8.94	.60	10.02	10.00	.85		4.95	4.00	2.36	2.00	46.06	44.80
10% Tobac. Bed Spec. with 2% Pot.	Baltimore	8.71	.60	9.73	10.00	.85		4.65	4.00	2.36	2.00	44.66	44.80
10% Tobac. Bed Spec. with 2% Pot.	Baltimore	8.31	.60	9.32	10.00	.85		5.75	4.00	2.12	2.00	43.71	44.80
Wheat & Grain Mixture	Baltimore	.66	.60	1.04	1.00	1.35		9.05	9.00	4.48	4.00	15.18	14.40

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Edelen Bros., Baltimore, Md. (Continued)													
Wheat & Grain Mixture	Baltimore	.67	.60	1.11	1.00	1.35	.....	8.95	9.00	4.28	4.00	$15.22	$14.40
Wheat & Grain Mixture	Baltimore	.55	.60	1.06	1.00	.90	.....	9.20	9.00	4.04	4.00	14.97	14.40
Excell Laboratories, Chicago, Ill.													
Zenkes "New Plant Life" (Liquid)	Baltimore	.....	.....	2.13	1.71	.....	.....	*.80	*1.07	1.80	.54	10.44	7.91
Farmers' Exchange, Union Bridge, Md.													
Acid Phosphate	Union Bridge	.....	.....	.....	.....	1.25	.....	16.55	16.00	.....	.....	13.43	12.80
Farmers Fertilizer & Feed Co., Westminster, Md.													
Favorite Phosphate, 1-10-5	Westminster	.80	.....	1.18	1.00	.75	.....	10.95	10.00	5.36	5.00	17.88	16.00
Potato Grower, 2-8-5	Westminster	1.26	1.46	1.98	2.00	.95	.....	8.55	8.00	5.36	5.00	19.19	18.40
XX, 1-9-3	Westminster	.55	.60	1.06	1.00	.85	.....	10.15	9.00	3.28	3.00	15.11	13.60
XXX, 1-9-4	Westminster	.69	.....	1.01	1.00	.75	.....	9.65	9.00	4.20	4.00	15.23	14.40
Farmers & Planters Co., Salisbury, Md.													
Acid Phosphate	Vienna	.....	.....	.....	.....	.60	.....	16.10	16.00	.....	.....	12.97	12.80
Early Truck	Salisbury	3.38	3.34	4.20	4.00	.85	.....	8.55	8.00	4.36	4.00	27.26	25.60
Fish & Bone Mixture	Salisbury	1.36	1.21	1.79	2.00	1.15	.....	10.75	10.00	1.68	2.00	17.27	17.60
High Grade 5%	Salisbury	4.53	3.65	5.33	5.00	.80	.....	8.40	7.00	5.66	5.00	32.69	29.60
High Grade 7%	Salisbury	6.06	4.86	6.74	7.00	.75	.....	6.65	6.00	5.84	5.00	37.06	36.80
Kainit	Vienna	.....	.....	.....	.....	.....	.....	.....	.....	14.88	12.40	.....	.....
Rock & Kainit	Salisbury	.....	.....	.....	.....	.75	.....	7.00	7.00	5.36	5.00	10.00	9.60
Special Fish Mixture	Salisbury	1.49	1.21	1.87	2.00	.65	.....	7.85	8.00	5.36	5.00	18.15	18.40
Farmers & Planters Co., Salisbury, Md. (Continued)													
Special Fish Mixture	Salisbury	2.13	1.21	2.33	2.00	1.15	.....	8.85	8.00	6.06	5.00	21.42	18.40
Sweet Potato Special	Salisbury	2.74	2.12	3.30	3.00	.65	.....	7.65	8.00	7.36	7.00	25.31	24.00
Truckers Mixture	Salisbury	3.09	2.12	3.67	3.00	.75	.....	9.05	8.00	3.56	4.00	24.88	21.60
Ford Motor Co., Detroit, Mich.													
Ammonium Sulphate	Denton	.....	.....	25.46	25.30	.....	.....	.....	.....	.....	.....	.....	.....
Griffith & Boyd Co., Baltimore, Md.													
Acid Phosphate H. G.	Baltimore	.....	.....	.....	.....	.10	.....	18.70	16.00	.....	.....	14.98	12.80
Acid Phosphate H. G.	Baltimore					.45		17.35	16.00			13.95	12.80

Ford Motor Co., Detroit, Mich.														
Ammonium Sulphate	Denton			**25.46**	25.30									
Griffith & Boyd Co., Baltimore, Md.														
Acid Phosphate H. G.	Baltimore					**.10**		**18.70**	16.00			**14.98**	12.80
Acid Phosphate H. G.	Baltimore					**.45**		**17.35**	16.00			**13.95**	12.80
Accomac Trucker	Baltimore	**2.76**	1.21	**4.42**	5.00	**.20**		**6.70**	6.00	**5.32**	5.00	**27.33**	28.80
Accomac Trucker	Baltimore	**3.35**	1.21	**4.89**	5.00	**1.15**		**6.75**	6.00	**5.24**	5.00	**29.32**	28.80
Accomac Trucker	Baltimore	**3.90**	1.21	**4.89**	5.00	**.40**		**7.10**	6.00	**5.20**	5.00	**29.46**	28.80
Accomac Trucker	Baltimore	**3.85**	1.21	**5.03**	5.00	**.35**		**6.35**	6.00	**5.70**	5.00	**29.81**	28.80
Double Strength Tobacco Grower	Baltimore	**2.66**	.73	**3.00**	3.00	**.40**		**9.40**	9.00	**3.12**	3.00	**22.08**	21.60
Fish & Potash Guano	Baltimore	**.99**	.37	**1.64**	1.75	**.60**		**10.50**	10.00	**3.32**	3.00	**17.71**	17.40
Fish & Potash Guano	Baltimore	**1.28**	.37	**1.83**	1.75	**.65**		**10.35**	10.00	**3.36**	3.00	**18.39**	17.40
Fish & Potash Guano	Baltimore	**1.13**	.37	**1.66**	1.75	**.45**		**10.45**	10.00	**3.20**	3.00	**17.63**	17.40
Fish & Potash Guano	Baltimore	**1.02**	.37	**1.77**	1.75	**.60**		**10.50**	10.00	**3.32**	3.00	**18.23**	17.40
Gilt Edge Crop Guano	Baltimore	**1.21**	.48	**1.93**	2.00	**.55**		**8.65**	8.00	**9.28**	10.00	**22.14**	22.40
Gilt Edge Crop Guano	Baltimore	**1.25**	.48	**2.15**	2.00	**.60**		**8.50**	8.00	**8.72**	10.00	**22.47**	22.40
Growers Favorite	Baltimore	**3.19**	.97	**3.70**	4.00	**.40**		**8.70**	8.00	**4.66**	4.00	**25.55**	25.60
Growers Favorite	Baltimore	**2.62**	.97	**3.76**	4.00	**.55**		**7.95**	8.00	**5.26**	4.00	**25.69**	25.60
Growers Favorite	Baltimore	**3.05**	.97	**3.66**	4.00	**.50**		**8.70**	8.00	**4.74**	4.00	**25.47**	25.60
Growers Favorite	Baltimore	**3.09**	.97	**3.99**	4.00	**.40**		**8.10**	8.00	**4.36**	4.00	**25.99**	25.60
Kainit	Baltimore									**14.12**	12.40		
Kainit	Baltimore									**14.72**	12.40		
Muriate of Potash	Baltimore									**55.10**	48.00		
Nitrate of Soda	Baltimore			**18.44**	18.00								
Peerless Fertilizer	Baltimore	**.53**	.24	**1.08**	1.00	**.40**		**.10.00**	10.00	**3.36**	3.00	**15.07**	14.40
Pure Fine Ground Bone Meal	Baltimore			**4.61**	4.50			***21.50**	*20.00			**31.34**	30.00
Special Potato Guano	Baltimore	**3.00**	.97	**3.99**	4.00	**.35**		**8.95**	8.00	**6.00**	6.00	**27.97**	27.20
Special Guano	Baltimore	**1.20**	.48	**2.00**	2.00	**.35**		**9.25**	8.00	**5.56**	5.00	**19.90**	18.40
Spring Crop Grower	Baltimore	**1.11**	.60	**2.53**	2.50	**.50**		**8.80**	8.00	**4.64**	4.00	**20.95**	19.60
Strawberry Guano	Baltimore	**2.89**	1.21	**4.56**	5.00	**.85**		**7.75**	7.00	**7.12**	7.00	**30.27**	31.20
Sulphate of Ammonia	Baltimore			**25.46**	25.00								
Sulphate of Ammonia	Baltimore			**25.11**	25.00								
Tankage 9%	Baltimore			**8.47**	9.00								
Griffith & Turner Co., Baltimore, Md.														
Ammoniated Alkaline Plant Food	Baltimore	**.33**	.24	**1.06**	1.00	**.45**		**7.35**	6.50	**2.26**	1.50	**12.00**	10.40
Ammoniated Butchers Bone	Baltimore	**.67**	.31	**1.40**	1.25	**.65**		**8.95**	9.00	**2.28**	1.50	**14.68**	13.40
Animal Bone Phosphate	Baltimore	**1.61**	.60	**2.53**	2.50	**.70**		**10.70**	10.00	**3.68**	1.50	**21.73**	19.20
Gritco X L Plant Food	Baltimore	**4.54**		**4.78**	5.00	**.30**		**9.70**	8.00	**9.15**	3.50	**34.24**	29.20
Soft Ground Bone Meal	Baltimore			**2.87**	3.00			***21.80**	*11.00			**24.56**	18.60
Soft Ground Bone Meal	Baltimore			**2.41**	3.00			***16.00**	*11.00			**19.24**	18.60
Special Potato Fertilizer	Baltimore	**.58**	.24	**1.06**	1.00	**.50**		**9.40**	9.00	**4.96**	4.00	**15.81**	14.40
Special Potato Fertilizer	Baltimore	**.60**	.24	**1.38**	1.00	**.90**		**9.90**	9.00	**4.28**	4.00	**17.00**	14.40
Special Truck Mixture	Baltimore	**2.75**	.97	**3.76**	4.00	**.35**		**8.95**	8.00	**6.74**	6.00	**27.64**	27.20
Special Truck Mixture	Baltimore	**3.12**	.97	**4.26**	4.00	**.20**		**8.80**	8.00	**6.00**	6.00	**28.91**	27.20

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Hampstead Fertilizer Co., Hampstead, Md.													
1-8-4	Hampstead	.44	.60	.99	1.00	1.55		8.95	8.00	4.36	4.00	$14.84	$13.60
2-8-5	Hampstead	1.24	.60	1.96	2.00	1.40		8.30	8.00	5.48	5.00	19.07	18.40
Horsey, Roe & Co., Greensboro, Md.													
Acid Phosphate, 0-16-0	Greensboro					.20		18.60	16.00			14.91	12.80
Corn Grower, 0-8-7	Greensboro					.15		9.45	8.00	9.36	7.00	15.07	12.00
Kainit	Greensboro									17.48	12.40		
Tomato F., 3-8-8	Greensboro	2.20	1.50	3.09	3.00	1.45		9.15	8.00	8.68	8.00	26.84	24.80
2-8-5	Greensboro	1.33	1.00	2.15	2.00	.70		8.90	8.00	6.36	5.00	20.92	18.40
3-8-4	Greensboro	2.09	1.75	2.99	3.00	.65		9.05	8.00	5.72	4.00	23.88	21.60
Hubbard Fertilizer Co., Baltimore, Md.													
Acid Phosphate	Baltimore					.50		16.00	16.00			12.88	12.80
Farmers I X L	Baltimore	1.64	1.00	2.08	2.00	.90		9.50	9.00	3.36	3.00	18.75	17.60
Farmers I X L	Baltimore	1.64	1.00	2.15	2.00	.95		9.45	9.00	3.24	3.00	18.89	17.60
Jersey Trucker	Baltimore	2.23	1.00	2.69	2.00	.35		8.85	8.00	9.52	10.00	25.51	22.40
Jersey Trucker	Baltimore	1.49	1.00	2.00	2.00	.60		9.10	8.00	10.92	10.00	24.11	22.40
Jersey Trucker	Baltimore	1.46	1.00	2.01	2.00	1.15		8.35	8.00	11.20	10.00	23.85	22.40
Kainit	Baltimore									12.40	12.40		
Money Maker Fertilizer	Baltimore	1.56	1.00	2.00	2.00	.45		8.65	8.00	5.36	5.00	19.28	18.40
Money Maker Fertilizer	Baltimore	1.60	1.00	2.08	2.00	.50		7.90	8.00	5.36	5.00	19.01	18.40
Money Maker Fertilizer	Baltimore	1.50	1.00	2.01	2.00	.75		8.45	8.00	5.36	5.00	19.20	18.40
New Seal 5%	Baltimore	4.51	3.00	5.09	5.00	.60		8.20	8.00	5.96	5.00	31.78	30.40
Potato Grower	Baltimore	2.57	3.00	3.99	4.00	.40		8.50	8.00	7.32	7.00	28.68	28.00
Potato Grower	Baltimore	3.65	3.00	4.16	4.00	.45		8.55	8.00	7.32	7.00	29.41	28.00
Royal Seal 7%	Baltimore	5.83	5.00	6.80	7.00	.25		6.65	6.00	5.12	5.00	36.66	36.80
Royal Seal 7%	Baltimore	6.79	5.00	7.17	7.00	.30		6.40	6.00	5.32	5.00	38.11	36.80
Sulphate of Ammonia	Baltimore			25.26	25.00								
10-5-0 Fertilizer	Baltimore	9.68	8.00	9.85	10.00	.80		5.80	5.00			44.16	44.00
Jarecki Chemical Co., Baltimore, Md.													
Nitrate of Soda	Baltimore			19.08	18.00								
2-8-5	Baltimore	1.79	1.00	2.20	2.00	.35		8.65	8.00	5.24	5.00	19.96	18.40
2-8-10	Baltimore	1.69	1.00	2.03	2.00	.20		8.30	8.00	10.52	10.00	23.21	22.40

Jarecki Chemical Co., Baltimore, Md.														
Nitrate of Soda	Baltimore			**19.08**	18.00									
2-8-5	Baltimore	**1.79**	1.00	**2.20**	2.00	**.35**		**8.65**	8.00	**5.24**	5.00	**19.96**	18.40
2-8-10	Baltimore	**1.69**	1.00	**2.03**	2.00	**.20**		**8.30**	8.00	**10.52**	10.00	**23.21**	22.40
Kuttroff, Pickhardt & Co., Inc., New York, N. Y.														
Urea B.A.S.F. (Floranid)	Baltimore	**55.97**		**56.00**	55.93									
J. Manns & Co., Baltimore, Md.														
Nitrate of Soda	Baltimore			**18.44**	18.00									
Maryland Milling & Supply Co., Sykesville, Md.														
Acid Phosphate, H. G.	Sykesville					**.80**		**17.70**	16.00			**14.28**	12.80
Newman's "Favorite"	Sykesville	**.98**		**1.61**	2.00	**1.05**		**9.25**	8.00	**5.88**	5.00	**18.70**	18.40
Warfield's "Special"	Sykesville	**.50**		**1.06**	1.00	**2.30**		**8.30**	8.00	**4.74**	4.00	**15.02**	13.60
Massey & Wilmer, Chestertown, Md.														
Acid Phosphate H. G.	Chestertown					**.85**		**16.35**	16.00			**13.21**	12.80
Corn Super Phosphate	Chestertown	**.79**	.73	**.99**	1.00	**.60**		**10.00**	9.00	**4.36**	4.00	**15.54**	14.40
0-12-5	Chestertown					**.85**		**12.55**	12.00	**5.36**	5.00	**14.46**	13.60
Tom Junior	Chestertown	**4.59**	3.89	**4.81**	5.00	**.55**		**9.15**	8.00	**5.74**	5.00	**31.23**	30.40
Trustworthy	Chestertown	**1.06**	.97	**1.71**	2.00	**1.80**		**9.70**	8.00	**5.00**	5.00	**18.87**	18.40
Medford Fertilizer Works, Medford, Md.														
1-8-5	Medford	**.13**	.25	**.73**	1.00	**.55**		**9.15**	8.00	**6.52**	5.00	**15.54**	14.40
1-10-5	Medford	**.54**	.25	**1.02**	1.00	**.40**		**10.60**	10.00	**5.36**	5.00	**16.91**	16.00
2-8-5	Medford	**.68**	.25	**1.57**	2.00	**.80**		**9.60**	8.00	**5.78**	5.00	**18.70**	18.40
Frederick Mehring Fertilizer Works, Inc., Keymar, Md.														
Acid Phosphate	Keymar					**1.20**		**17.10**	16.00			**13.86**	12.80
Big Four	Keymar	**1.01**	.60	**1.25**	1.00	**.65**		**9.25**	9.00	**4.90**	4.00	**16.42**	14.40
Mammoth Truck Grower	Keymar	**1.18**	1.64	**1.86**	2.00	**.70**		**8.40**	8.00	**5.78**	5.00	**18.89**	18.40
Special Pea Mixture	Keymar					**.85**		**12.45**	12.00	**10.64**	10.00	**18.60**	17.60
Miller Fertilizer Co., Baltimore, Md.														
Acid Phosphate, 0-16-0	Friendsville					**.90**		**16.80**	16.00			**13.58**	12.80
Harvest Queen, 1-9-4	Friendsville	**.56**		**1.11**	1.00	**.80**		**9.70**	9.00	**4.70**	4.00	**16.08**	14.40
Harvest Queen, 1-9-4	Baltimore	**.71**		**1.34**	1.00	**.70**		**9.30**	9.00	**4.36**	4.00	**16.40**	14.40
High Grade Potato Fertilizer, 7-6-5	Baltimore	**5.77**	5.00	**6.69**	7.00	**.25**		**6.15**	6.00	**5.36**	5.00	**36.01**	36.80
4-8-7	Baltimore	**3.18**	3.00	**3.73**	4.00	**.75**		**8.75**	8.00	**7.32**	7.00	**27.89**	28.00
Nitrate of Soda	Elkton			**18.48**	18.00								
No.1 Pot. & Vegetable Grower, 4-8-4	Baltimore	**3.26**	3.00	**3.81**	4.00	**.40**		**8.10**	8.00	**4.20**	4.00	**25.14**	25.60
No.1 Pot. & Vegetable Grower, 4-8-4	Baltimore	**3.52**	3.00	**3.98**	4.00	**.45**		**8.15**	8.00	**4.00**	4.00	**25.71**	25.60
No.1 Pot. & Vegetable Grower, 4-8-4	Baltimore	**3.00**	3.00	**3.51**	4.00	**.80**		**8.40**	8.00	**4.08**	4.00	**24.14**	25.60
Pimlico, 2-8-10	Friendsville	**1.46**	1.00	**2.01**	2.00	**.70**		**9.10**	8.00	**10.00**	10.00	**23.43**	22.40
Sulphate of Ammonia	Baltimore			**25.30**	25.00								

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Miller Fertilizer Co., Baltimore, Md.	(Continued)												
2-8-5	Baltimore	**1.37**	1.00	**1.98**	2.00	**.55**	.....	**7.65**	8.00	**5.20**	5.00	**$18.28**	$18.40
2-8-5	Friendsville	**1.50**	1.00	**2.08**	2.00	**.65**	.....	**8.25**	8.00	**4.76**	5.00	**18.83**	18.40
2-12-4	Friendsville	**1.66**	.....	**2.10**	2.00	**1.05**	.....	**12.35**	12.00	**4.36**	4.00	**21.93**	20.80
Vegetable Compound, 5-8-5	Baltimore	**4.50**	.....	**5.05**	5.00	**.45**	.....	**9.05**	8.00	**5.16**	5.00	**31.64**	30.40
Vegetable Compound, 5-8-5	Baltimore	**4.69**	3.00	**5.15**	5.00	**.35**	.....	**8.75**	8.00	**5.00**	5.00	**31.65**	30.40
Wheat & Grass Grower, 2-12-2	Baltimore	**1.43**	1.00	**2.01**	2.00	**1.15**	.....	**12.25**	12.00	**2.44**	2.00	**19.96**	19.20
Scott's Potato Grower, 2 8-10	Elkton	**1.43**	1.00	**2.08**	2.00	**.60**	.....	**8.50**	8.00	**10.32**	10.00	**23.47**	22.40
Scott's Potato & Truck Special, 2-8-5	Elkton	**1.38**	1.00	**2.08**	2.00	**1.15**	.....	**8.25**	8.00	**5.36**	5.00	**19.38**	18.40
Scott's Special Grain Grower, 1-9-4	Elkton	**.87**	.....	**1.42**	1.00	**.95**	.....	**9.05**	9.00	**3.32**	4.00	**15.72**	14.40
Scott's Soluble Phos. & Potash 0-12-5	Friendsville	.....	.....	.....	.....	**.75**	.....	**12.35**	12.00	**5.04**	5.00	**14.02**	13.60
Scott's Soluble Phos. & Potash, 0-12-5	Elkton	.....	.....	.....	.....	**1.30**	.....	**12.30**	12.00	**5.00**	5.00	**14.04**	13.60
Scott's Sure Growth Compound, 4-8-7	Elkton	**3.52**	3.00	**4.15**	4.00	**.45**	.....	**8.65**	8.00	**7.00**	7.00	**29.19**	28.00
Scott's Tip Top Soluble Phos. 0-16-0	Elkton	.....	.....	.....	.....	**1.30**	.....	**16.60**	16.00	.....	.....	**13.48**	12.80
Sheep Manure	Elkton	.....	.....	**1.72**	2.00	.....	.....	***1.20**	*1.50	**2.93**	2.00	**9.94**	10.50
Nitrate Agencies Co., Baltimore, Md.													
Naco Brand Acid Phosphate	Baltimore	.....	.....	.....	.....	**.40**	.....	**17.30**	16.00	.....	.....	**13.90**	12.80
Naco Brand Acid Phosphate	Baltimore	.....	.....	.....	.....	**.55**	.....	**16.55**	16.00	.....	.....	**13.32**	12.80
Naco Brand Raw Bone	Aberdeen	.....	.....	**4.24**	4.50	.....	.....	***23.00**	*20.60	.....	.....	**30.76**	30.36
Naco Brand Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**14.84**	12.40	.....	.....
Naco Brand Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**14.59**	12.40	.....	.....
Naco Brand Muriate of Potash	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**55.70**	48.00	.....	.....
G. Ober & Sons Co., Baltimore, Md.													
Acid Phosphate H. G	Baltimore	.....	.....	.....	.....	**.60**	.....	**17.50**	16.00	.....	.....	**14.09**	12.80
Acid Phosphate H. G	Baltimore	.....	.....	.....	.....	**.40**	.....	**18.10**	16.00	.....	.....	**14.54**	12.80
Acid Phosphate H. G	Baltimore	.....	.....	.....	.....	**.15**	.....	**18.65**	16.00	.....	.....	**14.94**	12.80
Acid Phosphate H. G	Baltimore	.....	.....	.....	.....	**.40**	.....	**17.40**	16.00	.....	.....	**13.98**	12.80
Acid Phosphate H. G	Baltimore	.....	.....	.....	.....	**.65**	.....	**17.35**	16.00	.....	.....	**13.98**	12.80
Fruit & Vine Truck Guano	Baltimore	**4.42**	4.00	**5.00**	5.00	**.85**	.....	**8.55**	8.00	**5.04**	5.00	**31.00**	30.40
Fruit & Vine Truck Guano	Baltimore	**4.48**	4.00	**5.03**	5.00	**1.10**	.....	**8.30**	8.00	**5.08**	5.00	**30.99**	30.40
Fruit & Vine Truck Guano	Baltimore	**3.46**	4.00	**4.71**	5.00	**.85**	.....	**8.05**	8.00	**5.32**	5.00	**29.67**	30.40
Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**13.92**	12.40	.....	.....
Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**13.68**	12.40	.....	.....

Fruit & Vine Truck Guano	Baltimore	**4.42**	4.00	**5.00**	5.00	**.85**		**8.55**	8.00	**5.04**	5.00	**31.00**	30.40
Fruit & Vine Truck Guano	Baltimore	**4.48**	4.00	**5.03**	5.00	**1.10**		**8.30**	8.00	**5.08**	5.00	**30.99**	30.40
Fruit & Vine Truck Guano	Baltimore	**3.46**	4.00	**4.71**	5.00	**.85**		**8.05**	8.00	**5.32**	5.00	**29.67**	30.40
Kainit	Baltimore									**13.92**	12.40		
Kainit	Baltimore									**13.68**	12.40		
Kainit	Baltimore									**14.32**	12.40		
Maryland Cigarette Tobacco Fert.	Baltimore	**4.19**	4.00	**5.06**	5.00	**.70**		**8.10**	8.00	**5.28**	5.00	**31.05**	30.40
Maryland Cigarette Tobacco Fert.	Baltimore	**3.92**	4.00	**4.64**	5.00	**.80**		**7.80**	8.00	**5.20**	5.00	**29.08**	30.40
Maryland Cigarette Tobacco Fert.	Baltimore	**4.12**	4.00	**4.77**	5.00	**.65**		**8.35**	8.00	**5.36**	5.00	**30.15**	30.40
Maryland Cigarette Tobacco Fert.	Baltimore	**4.44**	4.00	**5.02**	5.00	**.75**		**8.05**	8.00	**5.12**	5.00	**30.73**	30.40
Maryland Tobacco Growers Special	Baltimore	**3.89**	4.00	**4.61**	5.00	**.80**		**8.30**	8.00	**7.12**	7.00	**30.90**	32.00
Maryland Tobacco Growers Special	Baltimore	**3.70**	4.00	**4.38**	5.00	**.70**		**8.20**	8.00	**7.36**	7.00	**30.08**	32.00
Pure Raw Bone Meal	Baltimore			**4.39**	4.50			***19.65**	*21.00			**29.35**	30.60
Pure Raw Bone Meal	Baltimore			**4.49**	4.50			***21.10**	*21.00			**30.62**	30.60
Red Seal Tobacco Fertilizer	Baltimore	**3.30**	3.20	**3.73**	4.00	**1.10**		**7.80**	8.00	**5.00**	5.00	**25.33**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**2.93**	3.20	**3.63**	4.00	**.95**		**8.15**	8.00	**5.00**	5.00	**25.18**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**3.40**	3.20	**3.98**	4.00	**1.00**		**8.00**	8.00	**5.00**	5.00	**26.47**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**3.41**	3.20	**3.84**	4.00	**1.05**		**7.85**	8.00	**5.00**	5.00	**25.80**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**3.21**	3.20	**3.77**	4.00	**.80**		**7.80**	8.00	**5.04**	5.00	**25.47**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**3.09**	3.20	**3.72**	4.00	**.75**		**7.35**	8.00	**5.00**	5.00	**24.87**	26.40
Royal Crown Tobacco Guano	Baltimore	**3.25**	3.20	**3.73**	4.00	**.85**		**8.05**	8.00	**9.56**	10.00	**29.14**	30.40
Special Compound for Tobacco	Baltimore	**2.61**	2.40	**2.99**	3.00	**.90**		**8.50**	8.00	**3.20**	3.00	**21.46**	20.80
Special Compound for Tobacco	Baltimore	**2.38**	2.40	**2.72**	3.00	**1.10**		**7.80**	8.00	**3.08**	3.00	**19.75**	20.80
Special Compound for Tobaccco	Baltimore	**2.63**	2.40	**3.04**	3.00	**.55**		**8.25**	8.00	**3.16**	3.00	**21.37**	20.80
Special Plant Food	Baltimore	**1.66**	1.60	**2.00**	2.00	**1.53**		**8.77**	9.00	**5.20**	5.00	**19.41**	19.20
Special Plant Food	Baltimore	**1.67**	1.60	**2.10**	2.00	**1.10**		**9.40**	9.00	**5.00**	5.00	**20.09**	19.20
Special Plant Food	Baltimore	**1.31**	1.60	**2.08**	2.00	**1.10**		**9.30**	9.00	**5.00**	5.00	**19.93**	19.20
Special Plant Food	Baltimore	**1.79**	1.60	**2.13**	2.00	**.75**		**9.65**	9.00	**5.16**	5.00	**20.48**	19.20
Special Plant Food	Baltimore	**1.75**	1.60	**2.18**	2.00	**1.28**		**8.72**	9.00	**5.00**	5.00	**19.89**	19.20
Special Tobacco Bed Fertilizer	Baltimore	**9.04**	9.00	**9.47**	10.00	**.75**		**5.30**	5.00	**2.32**	2.00	**44.09**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**7.78**	9.00	**8.17**	10.00	**.40**		**6.50**	5.00	**2.28**	2.00	**39.76**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**7.79**	9.00	**8.17**	10.00	**.45**		**6.35**	5.00	**2.28**	2.00	**39.65**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**9.10**	9.00	**9.49**	10.00	**.45**		**5.45**	5.00	**2.12**	2.00	**44.09**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**8.69**	9.00	**9.08**	10.00	**.50**		**5.40**	5.00	**2.28**	2.00	**42.54**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**8.58**	9.00	**8.97**	10.00	**.60**		**5.70**	5.00	**2.00**	2.00	**42.13**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**8.58**	9.00	**9.09**	10.00	**.55**		**5.95**	5.00	**2.00**	2.00	**42.80**	45.60
Stag Guano	Baltimore	**.70**	.80	**1.19**	1.00	**1.45**		**9.55**	9.00	**4.28**	4.00	**16.04**	14.40
Stag Guano	Baltimore	**1.23**	.80	**1.61**	1.00	**.80**		**9.50**	9.00	**4.92**	4.00	**18.10**	14.40
Stan. Southern Vegetable Comp., 7%	Baltimore	**5.72**	5.60	**7.00**	7.00	**.80**		**6.60**	6.00	**5.08**	5.00	**37.46**	36.80
Stan. Southern Vegetable Comp., 7%	Baltimore	**5.46**	5.60	**6.69**	7.00	**.80**		**6.30**	6.00	**5.20**	5.00	**36.08**	36.80
Stan. Southern Vegetable Comp., 7%	Baltimore	**5.45**	5.60	**6.71**	7.00	**.80**		**6.40**	6.00	**5.16**	5.00	**36.21**	36.80
Starkey Truck Compound	Baltimore	**3.42**	3.20	**3.90**	4.00	**.85**		**7.95**	8.00	**5.08**	5.00	**26.15**	26.40
Starkey Truck Compound	Baltimore	**3.16**	3.20	**3.81**	4.00	**.90**		**8.60**	8.00	**5.32**	5.00	**26.52**	26.40
Starkey Truck Compound	Baltimore	**3.24**	3.20	**3.75**	4.00	**1.00**		**8.20**	8.00	**5.16**	5.00	**25.84**	26.40
Swan (E) Fish Guano	Baltimore	**1.82**	1.60	**2.47**	2.00	**1.25**		**8.75**	9.00	**3.16**	3.00	**19.60**	17.60
Swan (E) Fish Guano	Baltimore	**1.74**	1.60	**2.08**	2.00	**.75**		**8.85**	9.00	**3.08**	3.00	**17.97**	17.60
Swan (E) Fish Guano	Baltimore	**1.88**	1.60	**2.43**	2.00	**1.25**		**8.75**	9.00	**3.24**	3.00	**19.50**	17.60

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
G. Ober & Sons Co., Baltimore, Md. (	Continued)												
Seven-Six-Five	Baltimore	**6.09**	5.60	**6.43**	7.00	**.70**	.....	**6.70**	6.00	**5.00**	5.00	**$35.19**	$36.80
Seven-Six-Five	Baltimore	**6.60**	5.60	**6.98**	7.00	**.70**	.....	**6.40**	6.00	**4.68**	5.00	**36.89**	36.80
Seven-Six-Five	Baltimore	**6.86**	5.60	**7.13**	7.00	**.63**	.....	**6.37**	6.00	**5.00**	5.00	**37.71**	36.80
Seven-Six-Five	Baltimore	**6.42**	5.60	**6.68**	7.00	**.75**	.....	**6.25**	6.00	**5.00**	5.00	**35.83**	36.80
Superior Potato & Vegetable Grower	Baltimore	**1.64**	1.60	**1.98**	2.00	**1.13**	.....	**7.77**	8.00	**10.24**	10.00	**22.50**	22.40
Superior Potato & Vegetable Grower	Baltimore	**1.50**	1.60	**2.10**	2.00	**.80**	.....	**8.50**	8.00	**8.96**	10.00	**22.49**	22.40
Superior Potato & Vegetable Grower	Baltimore	**1.57**	1.60	**2.03**	2.00	**.55**	.....	**8.15**	8.00	**10.92**	10.00	**23.46**	22.40
Super Wheat & Grain Grower	Baltimore	**2.30**	2.40	**2.68**	3.00	**1.70**	.....	**11.80**	12.00	**3.32**	3.00	**23.08**	24.00
Sweet Potato Grower	Baltimore	**2.73**	.....	**3.12**	3.00	**1.10**	.....	**8.40**	8.00	**8.00**	8.00	**25.77**	24.80
Twelve & Five Potash Compound	Baltimore	.....	.....	.....	.....	**1.25**	.....	**12.75**	12.00	**5.00**	5.00	**14.39**	13.60
Twelve & Five Potash Compound	Baltimore	.....	.....	.....	.....	**1.58**	.....	**11.87**	12.00	**5.00**	5.00	**13.74**	13.60
Old Gardener Co., Pittsburgh, Pa.													
Old Gardener Fertilizer	Baltimore	**2.97**	.....	**3.11**	3.04	**1.65**	.....	**9.85**	10.00	**4.98**	4.00	**24.55**	23.36
Pacific Manure & Fertilizer Co., San	**Francisco, Calif.**												
Grozit (Sheep Manure)	Baltimore	.....	.....	**1.81**	1.80	.....	.....	***1.00**	*.75	**2.80**	3.00	**10.08**	10.05
Patuxent Guano Co., Baltimore, Md.													
Champion Fertilizer, 2-8-5	Baltimore	**1.37**	.60	**1.75**	2.00	**1.10**	.....	**8.70**	8.00	**5.24**	5.00	**18.32**	18.40
Early Trucker, 5-7-5	Baltimore	**4.76**	2.92	**5.15**	5.00	**.60**	.....	**8.00**	7.00	**5.00**	5.00	**31.09**	29.60
Lime Phosphate, 0-13-0	Baltimore	.....	.....	.....	.....	**1.40**	.....	**13.00**	13.00	.....	.....	**10.61**	10.40
Plant Bed, 10-5-0	Baltimore	**7.79**	.60	**8.46**	10.00	**1.15**	.....	**7.32**	5.00	.....	.....	**39.87**	44.00
Tip Top Fertilizer, 2-8-10	Baltimore	**1.52**	1.02	**1.98**	2.00	**.75**	.....	**9.75**	8.00	**10.08**	10.00	**23.89**	22.40
Peerless Fertilizer Co., Chestertown,	**Md.**												
Acid Phosphate, 0-16-0	Chestertown	.....	.....	.....	.....	**.45**	.....	**17.35**	16.00	.....	.....	**13.95**	12.80
American Standard, 4-6-5	Chestertown	**2.70**	1.83	**3.66**	4.00	**.70**	.....	**6.90**	6.00	**5.00**	5.00	**24.27**	24.80
Fish Mixture, 3-8-7	Chestertown	**2.09**	1.52	**2.99**	3.00	**.70**	.....	**9.00**	8.00	**7.00**	7.00	**24.87**	24.00
Imperial Compound, 1-9-4	Chestertown	**.82**	.48	**1.02**	1.00	**.40**	.....	**9.90**	9.00	**4.16**	4.00	**15.39**	14.40
Kainit, 0-0-12.40	Chestertown	.....	.....	.....	.....	.....	.....	.....	.....	**12.52**	12.40	.....	.....
Peerless, 2-8-5	Chestertown	**1.59**	.90	**2.15**	2.00	**.75**	.....	**8.75**	8.00	**5.36**	5.00	**20.00**	18.40
Rock & Kainit, 0-8-6	Chestertown	.....	.....	.....	.....	**.50**	.....	**9.40**	8.00	**6.00**	6.00	**12.40**	11.20
Sweet Potato, 2-7-7	Chestertown	**1.54**	.90	**2.05**	2.00	**.45**	.....	**7.65**	7.00	**7.28**	7.00	**20.21**	19.20

Kainit, 0-0-12.40	Chestertown											**12.52**	12.40		
Peerless, 2-8-5	Chestertown	**1.59**	.90	**2.15**	2.00	**.75**		**8.75**	8.00	**5.36**	5.00	**20.00**	18.40		
Rock & Kainit, 0-8-6	Chestertown					**.50**		**9.40**	8.00	**6.00**	6.00	**12.40**	11.20		
Sweet Potato, 2-7-7	Chestertown	**1.54**	.90	**2.05**	2.00	**.45**		**7.65**	7.00	**7.28**	7.00	**20.21**	19.20		
Piedmont Mt. Airy Guano Co., Baltimore, Md.															
Acid Phosphate	Baltimore					**1.30**		**16.80**	16.00			**13.64**	12.80		
Early Trucker	Baltimore	**4.40**	1.66	**4.80**	5.00	**.95**		**6.95**	6.00	**5.16**	5.00	**29.03**	28.80		
Early Trucker	Baltimore	**4.49**	1.66	**5.00**	5.00	**.80**		**6.30**	6.00	**5.36**	5.00	**29.45**	28.80		
Farmers Favorite	Baltimore	**.53**	.32	**1.16**	1.00	**1.10**		**8.90**	9.00	**4.08**	4.00	**15.19**	14.40		
Farmers Favorite	Vienna	**.47**	.32	**1.19**	1.00	**.75**		**9.95**	9.00	**4.12**	4.00	**16.13**	14.40		
Farmers Favorite	Baltimore	**.44**	.32	**1.11**	1.00	**.75**		**9.85**	9.00	**4.36**	4.00	**15.92**	14.40		
5-8-5 Fertilizer	Jessups	**3.26**	1.66	**3.72**	5.00	**1.75**		**9.35**	8.00	**4.82**	5.00	**26.48**	30.40		
5-8-5 Fertilizer	Baltimore	**4.11**	1.66	**4.52**	5.00	**.75**		**9.15**	8.00	**5.12**	5.00	**29.61**	30.40		
5-8-5 Fertilizer	Baltimore	**4.39**	1.66	**5.07**	5.00	**1.20**		**8.50**	8.00	**5.24**	5.00	**31.45**	30.40		
5-8-5 Fertilizer	Baltimore	**4.60**	1.66	**5.28**	5.00	**1.45**		**8.15**	8.00	**5.32**	5.00	**32.12**	30.40		
5-8-5 Fertilizer	Baltimore	**4.28**	1.66	**5.01**	5.00	**1.10**		**8.30**	8.00	**5.24**	5.00	**31.04**	30.40		
5-8-5 Fertilizer	Baltimore	**4.30**	1.66	**5.00**	5.00	**1.15**		**8.15**	8.00	**5.24**	5.00	**30.88**	30.40		
Gold Rod	Jessups	**5.87**	2.20	**6.48**	7.00	**1.20**		**7.40**	6.00	**4.62**	5.00	**35.72**	36.80		
Gold Rod	Baltimore	**5.25**	2.20	**5.80**	7.00	**1.00**		**7.30**	6.00	**5.36**	5.00	**33.48**	36.80		
Gold Rod	Baltimore	**4.89**	2.20	**5.61**	7.00	**1.00**		**7.10**	6.00	**5.12**	5.00	**32.37**	36.80		
High Grade Vegetable Grower	Baltimore	**1.74**	.67	**2.25**	2.00	**.80**		**8.50**	8.00	**10.20**	10.00	**24.08**	22.40		
High Grade Vegetable Grower	Vienna	**1.30**	.67	**2.03**	2.00	**1.00**		**8.50**	8.00	**10.00**	10.00	**23.07**	22.40		
High Grade Vegetable Grower	Vienna	**1.57**	.67	**2.00**	2.00	**.85**		**7.75**	8.00	**12.12**	10.00	**24.03**	22.40		
High Grade Vegetable Grower	Baltimore	**1.43**	.67	**2.15**	2.00	**1.15**		**8.25**	8.00	**10.40**	10.00	**23.69**	22.40		
High Grade Vegetable Grower	Baltimore	**2.45**	.67	**3.03**	2.00	**1.00**		**8.40**	8.00	**8.48**	10.00	**25.77**	22.40		
Kainit	Baltimore									**12.56**	12.40				
Kainit	Baltimore									**12.40**	12.40				
Muriate of Potash	Baltimore									**50.40**	48.00				
Perfection Guano	Baltimore	**1.54**	.67	**2.10**	2.00	**1.00**		**9.00**	8.00	**5.00**	5.00	**19.75**	18.40		
Plow Brand	Baltimore	**1.63**	.67	**2.18**	2.00	**2.10**		**8.50**	8.00	**2.72**	2.00	**18.02**	16.00		
Pure Raw Bone Meal	Baltimore			**5.00**	4.50			***20.90**	*20.00			**32.54**	30.00		
Special Potato Guano	Baltimore	**5.27**	2.00	**5.78**	6.00	**.65**		**6.55**	6.00	**8.82**	7.00	**35.52**	34.40		
Special Potato Guano	Baltimore	**5.39**	2.00	**6.04**	6.00	**.80**		**6.70**	6.00	**7.04**	7.00	**35.27**	34.40		
Peruvian Guano	Baltimore	**8.23**		**9.60**	10.00	**1.00**		**6.70**	5.00	**2.36**	2.00	**45.80**	45.60		
Peruvian Guano	Baltimore	**7.63**		**9.03**	10.00	**1.60**		**6.10**	5.00	**2.08**	2.00	**42.90**	45.60		
Peruvian Guano	Baltimore	**7.84**		**9.32**	10.00	**1.45**		**6.15**	5.00	**2.20**	2.00	**44.18**	45.60		
Peruvian Guano	Baltimore	**7.75**		**9.12**	10.00	**1.55**		**6.25**	5.00	**2.28**	2.00	**43.53**	45.60		
3-10-6-Fertilizer	Baltimore	**2.73**	1.00	**3.11**	3.00	**1.15**		**10.15**	10.00	**6.00**	6.00	**25.53**	24.80		
Unexcelled Guano	Vienna	**3.06**	2.29	**3.84**	4.00	**1.20**		**7.90**	8.00	**4.28**	4.00	**25.28**	25.60		
Unexcelled Guano	Baltimore	**3.18**	2.29	**3.83**	4.00	**1.30**		**9.10**	8.00	**4.16**	4.00	**26.13**	25.60		
	Baltimore														
Plant Biscuit Co., Towson, Md.															
Plant Biscuits		**14.10**		**14.13**	15.81			***23.90**	*19.00	**23.52**	20.00	**89.68**	90.64		
	Baltimore														

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Plant Products Co., Baltimore, Md.													
Plantabbs	Baltimore	**13.93**	.....	**13.96**	13.37	.....	.....	***18.90**	*15.00	**26.56**	20.00	**$88.43**	$78.48
Pulverized Manure Co., Chicago, Ill.													
Wizard Brand Cattle Manure	Baltimore	.....	.....	**2.10**	2.10	.....	.....	***1.10**	*1.00	**2.00**	1.00	**10.66**	9.80
Wizard Brand Sheep Manure	Baltimore	.....	.....	**2.39**	2.43	.....	.....	***1.50**	*1.25	**2.12**	2.00	**12.16**	12.07
Ramsburg Fertilizer Co., Frederick, Md.													
Ammoniated Bone Phosphate	Frederick	**.20**	.85	**1.02**	1.00	**1.20**	.....	**13.50**	10.00	**3.24**	3.00	**17.65**	14.40
Corn & Potato Fertilizer	Frederick	**.46**	.85	**.99**	1.00	**1.60**	.....	**11.30**	10.00	**6.68**	5.00	**18.58**	16.00
Excelsior Plant Food	Frederick	**.95**	.85	**2.03**	2.00	**.45**	.....	**12.95**	12.00	**3.22**	2.00	**21.13**	19.20
Special Mixt. for Tomatoes & Tobacco	Frederick	**.66**	1.83	**1.99**	2.00	**.95**	.....	**13.30**	8.00	**4.98**	6.00	**22.72**	19.20
Rasin-Monumental Co., Baltimore, Md.													
Acid Phosphate	Baltimore	.....	.....	.....	.....	**.35**	.....	**17.05**	16.00	.....	.....	**13.69**	12.80
Eastern Shore Potato Special	Baltimore	**6.31**	4.20	**6.82**	7.00	**1.05**	.....	**7.15**	6.00	**5.00**	5.00	**37.16**	36.80
High Grade Truck Compound	Baltimore	**3.04**	2.00	**3.60**	4.00	**1.10**	.....	**8.00**	8.00	**7.00**	7.00	**26.57**	28.00
High Grade Truck Compound	Baltimore	**3.62**	2.00	**4.01**	4.00	**.85**	.....	**8.05**	8.00	**7.00**	7.00	**28.21**	28.00
Royal Fish & Potash Mixture	Baltimore	**1.43**	.78	**2.08**	2.00	**2.33**	.....	**8.77**	9.00	**3.36**	3.00	**18.38**	17.60
Seawall Truck Compound	Baltimore	**4.45**	2.97	**5.00**	5.00	**1.55**	.....	**8.35**	8.00	**5.12**	5.00	**31.01**	30.40
Seawall Truck Compound	Baltimore	**4.40**	2.97	**4.95**	5.00	**1.60**	.....	**8.20**	8.00	**5.36**	5.00	**30.89**	30.40
Rasin- Monumental Co., Baltimore, Md. (Continued)													
Universal Crop Manure	Laurel	**1.57**	.78	**2.00**	2.00	**1.25**	.....	**8.55**	8.00	**5.36**	5.00	**19.32**	18.40
Universal Crop Manure	Baltimore	**1.53**	.78	**2.08**	2.00	**1.65**	.....	**8.55**	8.00	**5.36**	5.00	**19.70**	18.40
Reindollar Co., Taneytown, Md.													
Acid Phosphate	Taneytown	.....	.....	.....	.....	**.65**	.....	**17.45**	16.00	.....	.....	**14.06**	12.80
Grain Grower	Taneytown	**1.35**	.....	**2.17**	2.00	**1.50**	.....	**12.20**	10.00	**5.36**	5.00	**22.96**	20.00
Rock & Potash	Taneytown	.....	.....	.....	.....	**.80**	.....	**14.90**	12.00	**6.98**	5.00	**17.63**	13.60
F. S. Royster Guano Co., Baltimore, Md.													
Acid Phosphate	Baltimore	.....	.....	.....	.....	**.30**	.....	**16.30**	16.00	.....	.....	**13.09**	12.80
Arrow 7% Potato Guano	Baltimore	**5.77**	4.66	**6.88**	7.00	**.95**	.....	**6.65**	6.00	**5.00**	5.00	**36.98**	36.80
Arrow 7% Potato Guano	Baltimore	**5.59**	4.66	**6.75**	7.00	**1.05**	.....	**6.55**	6.00	**5.00**	5.00	**36.40**	36.80

F. S. Royster Guano Co., Baltimore, Md.														
Acid Phosphate	Baltimore					.30		16.30	16.00			13.09	12.80
Arrow 7% Potato Guano	Baltimore	5.77	4.66	6.88	7.00	.95		6.65	6.00	5.00	5.00	36.98	36.80
Arrow 7% Potato Guano	Baltimore	5.59	4.66	6.75	7.00	1.05		6.55	6.00	5.00	5.00	36.40	36.80
Arrow 7% Potato Guanc	Baltimore	6.13	4.66	7.17	7.00	.70		6.60	6.00	5.00	5.00	38.07	36.80
Arrow 7% Potato Guano	Baltimore	6.15	4.66	7.17	7.00	.85		6.35	6.00	5.60	5.00	38.37	36.80
Arrow 7% Potato Guano	Baltimore	6.09	4.66	7.25	7.00	.85		6.45	6.00	4.80	5.00	38.13	36.80
Arrow 7% Potato Guano	Baltimore	5.77	4.66	6.85	7.00	.85		6.55	6.00	5.08	5.00	36.83	36.80
Banner Guano	Baltimore	1.37	1.33	2.00	2.00	.70		8.30	8.00	10.00	10.00	22.75	22.40
Banner Guano	Baltimore	1.32	1.33	2.10	2.00	.85		8.75	8.00	10.00	10.10	23.53	22.40
Bully Guano	Baltimore	1.72	1.33	2.28	2.00	.50		8.00	8.00	5.00	5.00	19.60	18.40
Bully Guano	Baltimore	1.41	1.33	2.13	2.00	1.20		8.90	8.00	5.36	5.00	20.11	18.40
Fine Ground Bone Meal	Berwyn			3.94	3.00			*26.80	*22.90			31.84	25.74
4-16-4 Fertilizer	Baltimore	3.62	2.66	4.03	4.00	.65		15.65	16.00	4.36	4.00	32.23	32.00
Ideal Guano	Baltimore	2.28	2.00	2.83	3.00	.70		8.60	8.00	8.08	8.00	24.77	24.80
Kainit	Baltimore									12.36	12.40		
Kainit	Baltimore									15.04	12.40		
Muriate of Potash	Baltimore									51.80	48.00		
Nitrate of Soda	Baltimore			19.02	18.24								
Rational Guano	Baltimore	.65	.66	1.11	1.00	.70		9.60	9.00	4.00	4.00	15.43	14.40
Rational Guano	Motters	.58	.66	1.19	1.00	1.20		9.90	9.00	4.24	4.00	16.25	14.40
Tobacco Dresser, 10%	Baltimore	8.09	6.66	9.46	10.00	.45		5.55	5.00	3.66	2.00	45.28	45.60
Truckers Delight	Baltimore	3.43	2.66	4.20	4.00	.85		8.35	8.00	4.16	4.00	26.94	25.60
Truckers Delight	Baltimore	3.40	2.66	3.98	4.00	.60		8.60	8.00	6.52	4.00	28.11	25.60
Verbena Guano	Baltimore	4.03	3.33	5.09	5.00	1.10		8.50	8.00	5.04	5.00	31.36	30.40
Verbena Guano	Baltimore	4.04	3.33	5.03	5.00	1.10		8.60	8.00	4.70	5.00	30.93	30.40
Seaboard Products Co., Baltimore, Md.														
4-8-6	Baltimore	3.36	2.06	4.04	4.00	.65		7.70	8.00	6.00	6.00	27.22	27.20
W. A. Simpson Co., Baltimore, Md.														
Purity Brand Pulverized Sheep Manure	Baltimore			1.79	1.83			*.90	*1.25	3.00	3.00	10.10	10.47
R. H. Slingluff Fertilizer Co., Baltimore, Md.														
Acid Phosphate	Baltimore					.80		16.30	16.00			13.16	12.80
Big & Bright Tobacco	Baltimore	3.17	.60	3.80	4.00	1.00		8.70	8.00	5.00	5.00	26.31	26.40
Big & Bright Tobacco	Baltimore	3.27	.60	3.87	4.00	1.00		8.20	8.00	4.76	5.00	26.00	26.40
Excelsior Potash Mixture	Baltimore					.75		11.95	12.00	5.12	5.00	13.77	13.60
General Crop Grower	Baltimore	1.42	.60	1.74	2.00	.95		7.90	8.00	3.36	3.00	16.11	16.80
Southern Maryland Tobacco Special	Baltimore	1.73	.60	2.12	2.00	.75		10.55	10.00	7.00	7.00	22.63	21.60
Truckers High Grade	Baltimore	3.25	.60	3.80	4.00	.65		8.15	8.00	7.16	7.00	27.55	28.00
10% Tob. Bed Special With 2% Pot.	Baltimore	8.57	.60	9.61	10.00	1.25		4.65	4.00	2.36	2.00	44.24	44.80
10% Tob. Bed Special With 2% Pot.	Baltimore	8.56	.60	9.52	10.00	1.15		4.95	4.00	2.20	2.00	43.97	44.80
10% Tob. Bed Special With 2% Pot.	Baltimore	8.58	.60	9.57	10.00	.95		4.45	4.00	2.24	2.00	43.77	44.80

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Stumpp & Walter Co., Baltimore, Md.													
Emerald Grass Fertilizer	Baltimore	**2.95**	2.42	**3.38**	3.65	**.25**	.....	**5.95**	5.00	**3.68**	3.00	**$21.26**	$21.00
General Garden Fertilizer	Baltimore	**2.98**	3.16	**3.53**	4.00	**.35**	.....	**8.45**	8.00	**3.36**	3.00	**23.62**	24.80
Nitrate of Soda	Baltimore	.....	.....	**18.78**	18.00	.....	.....	.....	.....	.....	.....	.....	.....
Pulverized Sheep Manure	Baltimore	.....	.....	**2.25**	2.25	.....	.....	*** 1.00**	* 1.50	**2.16**	2.00	**11.33**	11.50
Raw Bone Meal Fertilizer	Baltimore	.....	.....	**5.09**	4.50	.....	.....	***23.20**	*23.00	.....	.....	**34.28**	31.80
Sawco Shredded Cattle Manure	Baltimore	.....	.....	**2.56**	2.10	.....	.....	*** 1.30**	* 1.00	**2.08**	1.00	**12.68**	9.80
Summers Fertilizer Co., Inc., Baltimore, Md.													
"Best on Earth" 5-8-7	Baltimore	**3.98**	2.50	**4.61**	5.00	**1.10**	.....	**10.00**	8.00	**7.20**	7.00	**32.37**	32.00
"Best on Earth" 7-6-5	Jessups	**6.14**	3.50	**7.20**	7.00	**.98**	.....	**7.07**	6.00	**5.32**	5.00	**38.87**	36.80
"Best on Earth" 7-6-5	Newark	.....	.....	**7.00**	7.00	**.50**	.....	**6.80**	6.00	**5.36**	5.00	**37.81**	36.80
"Best on Earth" 7-6-5	Pocomoke City	**6.23**	3.50	**6.98**	7.00	**.38**	.....	**7.02**	6.00	**5.74**	5.00	**38.19**	36.80
"Best on Earth" 7-6-5	Cambridge	**5.94**	3.50	**7.05**	7.00	**.98**	.....	**6.72**	6.00	**5.28**	5.00	**37.95**	36.80
"Best on Earth" Nitrate of Soda	Jessups	.....	.....	**18.78**	18.00	.....	.....	.....	.....	.....	.....	.....	.....
"Best on Earth" Potato Special	Jessups	**3.11**	2.00	**4.10**	4.00	**.78**	.....	**8.77**	8.00	**4.32**	4.00	**27.00**	25.60
"Best on Earth" Truckers Favorite	Jessups	**3.86**	2.50	**5.09**	5.00	**1.23**	.....	**8.52**	8.00	**5.36**	5.00	**31.65**	30.40
"Best on Earth" Truckers Favorite	Mt. Wilson	**5.04**	2.50	**5.79**	5.00	**.58**	.....	**8.97**	8.00	**5.00**	5.00	**34.43**	30.40
"Best on Earth" 3-8-8	Jessups	**2.34**	1.50	**2.99**	3.00	**.78**	.....	**9.47**	8.00	**8.00**	8.00	**26.06**	24.80
"Best on Earth" Wheat Special	Mt. Wilson	**1.76**	1.00	**2.27**	2.00	**1.78**	.....	**12.72**	12.00	**2.48**	2.00	**21.51**	19.20
Swift & Co., Baltimore, Md.													
Acid Phosphate H. G. Fertilizer	Baltimore	.....	.....	.....	.....	**.90**	.....	**16.70**	16.00	.....	.....	**13.50**	12.80
Acid Phosphate H. G. Fertilizer	Baltimore	.....	.....	.....	.....	**.60**	.....	**16.50**	16.00	.....	.....	**13.29**	12.80
Acid Phosphate H. G. Fertilizer	Baltimore	.....	.....	.....	.....	**.65**	.....	**16.15**	16.00	.....	.....	**13.02**	12.80
Bone Meal Fertilizer	Aberdeen	.....	.....	**3.81**	3.00	.....	.....	***23.55**	*24.00	.....	.....	**29.37**	26.40
Dried Fish	Baltimore	.....	.....	**10.17**	10.00	.....	.....	.....	.....	.....	.....	.....	.....
Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**12.48**	12.40	.....	.....
Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**12.44**	12.40	.....	.....
Muriate of Potash	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	**53.50**	48.00	.....	.....
Nitrate of Soda	Baltimore	.....	.....	**18.50**	18.00	.....	.....	.....	.....	.....	.....	.....	.....
Nitrate of Soda	Baltimore	.....	.....	**18.16**	18.00	.....	.....	.....	.....	.....	.....	.....	.....
Nitrate of Soda	Baltimore	.....	.....	**19.40**	18.00	.....	.....	.....	.....	.....	.....	.....	.....
Pulverized Sheep Manure	Baltimore	.....	.....	**2.28**	2.25	.....	.....	***.95**	*1.50	**2.08**	2.00	**11.35**	11.50
Pulverized Sheep Manure	Baltimore	.....	.....	**1.79**	2.25	.....	.....	***.80**	*1.50	**2.24**	2.00	**9.43**	11.50

Nitrate of Soda	Baltimore			**18.16**	18.00										
Nitrate of Soda	Baltimore			**19.40**	18.00										
Pulverized Sheep Manure	Baltimore			**2.28**	2.25			***.95**	*1.50	**2.08**	2.00	**11.35**	11.50
Pulverized Sheep Manure	Baltimore			**1.79**	2.25			***.80**	*1.50	**2.24**	2.00	**9.43**	11.50
Pulverized Sheep Manure	Baltimore			**2.00**	2.25			***.70**	*1.50	**2.32**	2.00	**10.28**	11.50
Pulverized Sheep Manure	Baltimore			**2.70**	2.25			***1.70**	*1.50	**2.12**	2.00	**13.52**	11.50
Raw Bone Meal Fertilizer	Baltimore			**4.87**	4.50			***25.20**	*23.00			**34.60**	31.80
Tankage	Baltimore			**8.54**	9.00								
Vigoro	Baltimore	**3.62**	2.60	**4.06**	4.00	**.35**		**12.95**	12.00	**4.32**	4.00	**30.11**	28.80
Red Steer 5-8-5	Baltimore	**4.26**	3.95	**4.69**	5.00	**.50**		**8.50**	8.00	**5.24**	5.00	**29.83**	30.40
Red Steer 5-8-5	Baltimore	**4.39**	3.95	**5.02**	5.00	**.80**		**8.40**	8.00	**5.32**	5.00	**31.18**	30.40
Red Steer 5-8-5	Baltimore	**4.02**	3.95	**4.74**	5.00	**.45**		**8.65**	8.00	**5.24**	5.00	**30.14**	30.40
Red Steer 5-8-5	Baltimore	**4.54**	3.95	**5.05**	5.00	**.35**		**8.45**	8.00	**5.16**	5.00	**31.14**	30.40
Red Steer 5-8-5	Baltimore	**4.54**	3.95	**5.02**	5.00	**.40**		**8.00**	8.00	**5.00**	5.00	**30.54**	30.40
Red Steer 4-8-4	Baltimore	**3.40**	3.40	**3.83**	4.00	**.80**		**8.30**	8.00	**4.36**	4.00	**25.57**	25.60
Red Steer 4-8-4	Baltimore	**3.58**	3.40	**4.06**	4.00	**.70**		**8.50**	8.00	**4.12**	4.00	**26.45**	25.60
Red Steer 4-8-7	Baltimore	**3.60**	3.16	**4.03**	4.00	**.45**		**8.45**	8.00	**7.32**	7.00	**28.81**	28.00
Red Steer 4-8-7	Baltimore	**3.41**	3.16	**4.04**	4.00	**.45**		**8.55**	8.00	**7.00**	7.00	**28.67**	28.00
Red Steer 4-8-7	Baltimore	**3.43**	3.16	**3.99**	4.00	**.50**		**8.60**	8.00	**7.24**	7.00	**28.71**	28.00
Red Steer 1-9-4	Baltimore	**.88**	.78	**1.08**	1.00	**.13**		**9.37**	9.00	**4.00**	4.00	**15.04**	14.40
Red Steer 2-8-5	Baltimore	**1.66**	1.57	**2.00**	2.00	**.50**		**8.30**	8.00	**5.00**	5.00	**18.72**	18.40
Red Steer 2-8-5	Baltimore	**1.69**	1.57	**2.00**	2.00	**.60**		**8.50**	8.00	**5.16**	5.00	**19.02**	18.40
Red Steer 2-8-5	Baltimore	**1.62**	1.57	**2.00**	2.00	**.60**		**8.30**	8.00	**5.08**	5.00	**18.79**	18.40
Red Steer 2-8-10	Baltimore	**1.45**		**2.00**	2.00	**.45**		**8.55**	8.00	**10.40**	10.00	**23.23**	22.40
Red Steer 3-8-5	Baltimore	**2.39**	2.37	**2.99**	3.00	**.70**		**8.00**	8.00	**5.54**	5.00	**22.90**	22.40
Red Steer 3-10-6	Baltimore	**2.44**	3.37	**3.09**	3.00	**.60**		**10.15**	10.00	**6.66**	6.00	**25.90**	24.80
Red Steer 7-6-5	Pocomoke City	**6.37**	5.53	**7.05**	7.00	**.30**		**5.95**	6.00	**5.14**	5.00	**37.11**	36.80
Red Steer 7-6-5	Pocomoke City	**6.33**	5.53	**7.11**	7.00	**.40**		**6.95**	6.00	**5.42**	5.00	**38.40**	36.80
Red Steer 7-6-5	Baltimore	**6.50**	5.53	**7.13**	7.00	**.20**		**5.90**	6.00	**5.36**	5.00	**37.56**	36.80
Red Steer 7-6-5	Baltimore	**6.40**	5.53	**7.05**	7.00	**.40**		**6.20**	6.00	**5.28**	5.00	**37.44**	36.80
Red Steer 7-6-5	Clinton	**6.36**	5.53	**7.03**	7.00	**.35**		**6.45**	6.00	**5.32**	5.00	**37.59**	36.80
Red Steer 10-5-2	Baltimore	**7.36**	7.90	**8.28**	10.00	**.40**		**6.60**	5.00	**2.36**	2.00	**40.35**	45.60
Red Steer 10-5-0	Baltimore	**8.91**	5.50	**9.64**	10.00	**.20**		**5.40**	5.00			**42.91**	44.00
Talbot Fertilizer Co., Easton, Md.													
Talbot Brand, 0-12-5(Corn Grower)	Cordova					**.35**		**12.75**	12.00	**5.20**	5.00	**14.41**	13.60
Thomas & Co., Gaithersburg, Md.													
Alkaline Bone	Gaithersburg					**.85**		**9.25**	12.00	**5.36**	5.00	**11.82**	13.60
Wm. B Tilghman Co., Salisbury, Md.													
Acid Phosphate	Salisbury					**1.00**		**16.60**	16.00			**13.43**	12.80
Early Truck Guano	Salisbury	**4.11**	3.29	**4.86**	5.00	**.70**		**9.30**	8.00	**5.16**	5.00	**31.12**	30.40
Early Truck Guano	Salisbury	**4.34**	3.29	**5.14**	5.00	**.95**		**8.75**	8.00	**5.36**	5.00	**31.99**	30.40
High Grade Potash Mixture	Salisbury	**1.69**	1.00	**2.20**	2.00	**.80**		**8.60**	8.00	**11.80**	10.00	**25.24**	22.40
Irish P Guano	Salisbury	**5.90**	4.75	**6.91**	7.00	**.50**		**6.80**	6.00	**5.28**	5.00	**37.38**	36.80

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Wm. B. Tilghman Co., Salisbury, Md. (Continued)													
Irish P Guano	Salisbury	**5.56**	4.75	**6.58**	7.00	**.55**		**7.05**	6.00	**5.78**	5.00	**$36.66**	$36.80
Kainit	Salisbury									**14.72**	12.40		
Mixture "A"	Salisbury	**3.26**	2.25	**3.99**	4.00	**.65**		**8.95**	8.00	**8.16**	8.00	**29.75**	28.80
Mixture "B"	Salisbury	**3.22**	2.25	**4.04**	4.00	**.80**		**8.80**	8.00	**4.16**	4.00	**26.65**	25.60
Mixture "B"	Vienna	**3.28**	2.25	**4.18**	4.00	**.95**		**8.95**	8.00	**4.32**	4.00	**27.48**	25.60
Mixture "B'	Salisbury	**3.21**	2.25	**4.10**	4.00	**.95**		**8.55**	8.00	**4.92**	4.00	**27.32**	25.60
"S P" Mixture	Salisbury	**2.75**	1.84	**3.11**	3.00	**.70**		**8.80**	8.00	**8.36**	8.00	**26.28**	24.80
Standard	Salisbury	**1.75**	1.00	**2.18**	2.00	**.75**		**8.45**	8.00	**5.88**	5.00	**20.29**	18.40
Standard	Salisbury	**1.98**	1.00	**2.37**	2.00	**.90**		**8.80**	8.00	**5.36**	5.00	**20.95**	18.40
Special Corn Fertilizer	Salisbury	**.85**	.50	**1.19**	1.00	**.90**		**10.90**	10.00	**5.36**	5.00	**17.91**	16.00
Topdresser	Salisbury	**5.42**	5.75	**5.76**	6.00	**.55**		**7.05**	6.00	**6.76**	6.00	**34.17**	33.60
Topdresser	Salisbury	**5.96**	5.75	**6.35**	6.00	**.40**		**7.10**	6.00	**7.00**	6.00	**36.74**	33.60
F. W. Tunnell & Co., Inc., Philadelphia, Pa.													
Nassau County Potato Manure	Preston	**4.21**	3.98	**5.05**	5.00	**.65**		**9.15**	8.00	**5.36**	5.00	**31.91**	30.40
Red Diamond Potato & Truck Guano	Preston	**1.59**		**2.05**	2.00	**.35**		**9.25**	8.00	**8.64**	10.00	**22.56**	22.40
United States Guano Co., Baltimore, Md.													
Standard U. S. Acid Phosphate	Baltimore					**1.30**		**16.20**	16.00			**13.16**	12.80
Stan. U. S. Accomac Peninsula King	Baltimore	**3.62**	3.43	**4.68**	5.00	**1.10**		**9.10**	8.00	**5.32**	5.00	**30.43**	30.40
Stan. U. S. Golden Rule Sweet Pot.	Baltimore	**1.97**	1.48	**2.72**	3.00	**.80**		**8.10**	8.00	**5.12**	5.00	**21.58**	22.40
Stan. U. S. H. G. Phos. & Potash	Baltimore					**.80**		**12.50**	12.00	**5.00**	5.00	**14.12**	13.60
Stan. U. S. Jumbo Potato Grower	Stockton			**6.97**	7.00	**.63**		**6.87**	6.00	**5.38**	5.00	**37.77**	36.80
Stan. U. S. Mammoth Potato Grower	Baltimore	**1.22**	1.00	**2.00**	2.00	**1.45**		**8.75**	8.00	**10.00**	10.00	**23.22**	22.40
Stan. U. S. Mammoth Potato Grower	Baltimore	**1.49**	1.00	**2.21**	2.00	**1.10**		**8.80**	8.00	**10.00**	10.00	**24.05**	22.40
Stan. U. S. Mammoth Truck Grower	Owings Mills	**1.37**	1.00	**2.39**	2.00	**1.50**		**8.00**	8.00	**5.20**	5.00	**20.35**	18.40
Stan. U. S. Nitrate of Soda	Cambridge			**18.10**	18.00								
Stan. U. S. Old Fertility	Baltimore	**1.84**	1.00	**2.66**	2.00	**1.95**		**8.25**	8.00	**3.68**	3.00	**20.47**	16.80
Stan. U. S. Royal Potato Grower	Baltimore	**2.88**	2.24	**4.01**	4.00	**.80**		**8.20**	8.00	**8.26**	7.00	**29.33**	28.00
Standard U. S. Special Mixture	Baltimore	**2.25**	1.48	**3.17**	3.00	**1.40**		**7.70**	8.00	**6.20**	6.00	**24.01**	23.20
Standard U. S. Rainbow Brand	Baltimore	**2.15**	1.00	**2.88**	2.00	**1.33**		**10.37**	12.00	**5.64**	2.00	**24.53**	19.20
***Valliant* Fertilizer Co., Laurel, Del.**													
Arcadia	Princess Anne	**4.28**	3.50	**5.00**	5.00	**.60**		**8.10**	8.00	**5.44**	5.00	**30.92**	30.40
Arcadia	Princess Anne	**4.76**	3.50	**5.15**	5.00	**.60**		**9.20**	8.00	**5.32**	5.00	**32.31**	30.40
Big 4	Princess Anne	**2.93**	2.75	**3.37**	4.00	**.45**		**8.55**	8.00	**5.48**	4.00	**24.77**	25.60

Standard U. S. Special Mixture	Baltimore	2.25	1.48	3.17	3.00	1.40		7.70	8.00	6.20	6.00	24.01	23.20
Standard U. S. Rainbow Brand	Baltimore	2.15	1.00	2.88	2.00	1.33		10.37	12.00	5.64	2.00	24.53	19.20
Valliant Fertilizer Co., Laurel, Del.													
Arcadia	Princess Anne	4.28	3.50	5.00	5.00	.60		8.10	8.00	5.44	5.00	30.92	30.40
Arcadia	Princess Anne	4.76	3.50	5.15	5.00	.60		9.20	8.00	5.32	5.00	32.31	30.40
Big 4	Princess Anne	2.93	2.75	3.37	4.00	.45		8.55	8.00	5.48	4.00	24.77	25.60
Choice	Princess Anne	1.75	1.00	2.31	2.00	.40		8.60	8.00	8.08	8.00	22.64	20.80
Diamond	Princess Anne	1.58	1.00	2.01	2.00	.20		9.00	8.00	6.04	5.00	20.10	18.40
Fam-us	Princess Anne	.85	.50	1.14	1.00	.25		10.15	9.00	4.36	4.00	16.21	14.40
Jewel	Princess Anne	6.15	6.00	6.78	7.00	.40		7.50	6.00	5.90	5.00	37.90	36.80
E. S. Valliant & Son Centreville, Md.													
Fish Mixture	Centreville	1.62	1.50	2.05	2.00	.60		9.30	9.00	6.32	6.00	20.79	20.00
Gem	Centreville					.70		10.40	10.00	6.12	5.00	13.33	12.00
Kainit	Centreville									15.52	12.40		
Keystone	Centreville	1.83	1.00	2.10	2.00	.35		8.95	8.00	5.32	5.00	19.87	18.40
Standard	Centreville	.77	.50	1.01	1.00	1.10		10.60	9.00	4.24	4.00	16.08	14.40
Truck Special	Centreville	3.70	2.50	4.01	4.00	.60		9.00	8.00	4.32	4.00	26.79	25.60
Twelve-Six	Centreville					.35		12.85	12.00	6.00	6.00	15.13	14.40
W. H. Valliant & Bro., Bellevue, Md.													
Fish Special	Bellevue	1.08		1.86	2.00	1.00		9.00	8.00	6.00	6.00	19.59	19.20
Virginia-Carolina Chemical Corp., Baltimore, Md.													
American Acid Phosphate H. G	Baltimore					.55		16.85	16.00			13.56	12.80
American Acid Phosphate H. G	Baltimore					.40		17.40	16.00			13.98	12.80
American Acid Phosphate H. G	Baltimore					.95		16.45	16.00			13.30	12.80
American Double Special Brand	Baltimore	3.50	2.00	3.99	4.00	1.05		15.95	16.00	7.94	6.00	35.23	33.60
American Excelsior Guano	Baltimore	1.63	.78	2.18	2.00	.85		10.15	8.00	4.14	5.00	20.28	18.40
American Excelsior Guano	Baltimore	1.52	.78	2.00	2.00	1.25		8.85	8.00	5.20	5.00	19.43	18.40
American Excelsior Guano	Baltimore	1.45	.78	2.01	2.00	1.50		8.70	8.00	5.16	5.00	19.36	18.40
American General Crop Fertilizer	Baltimore	2.43	1.52	2.99	3.00	1.30		10.55	10.00	6.84	6.00	26.07	24.80
American General Crop Fertilizer	Baltimore	2.51	1.52	2.99	3.00	1.25		10.55	10.00	6.04	6.00	25.42	24.80
American General Crop Fertilizer	Baltimore	2.68	1.52	3.19	3.00	.90		10.00	10.00	6.36	6.00	25.99	24.80
American Gilt Edge Truck Mixture	Baltimore	3.40	2.01	3.74	4.00	1.00		8.20	8.00	7.20	7.00	27.43	28.00
American Prize Guano	Baltimore	1.76	.78	2.05	2.00	.50		8.40	8.00	10.08	10.00	23.06	22.40
American Prize Guano	Baltimore	1.70	.78	2.21	2.00	1.55		8.35	8.00	10.32	10.00	24.01	22.40
American Prize Guano	Baltimore	1.62	.78	2.18	2.00	1.50		8.00	8.00	10.00	10.00	23.35	22.40
American 7-6-5	Baltimore	6.10	4.20	6.83	7.00	1.10		7.20	6.00	5.08	5.00	37.31	36.80
American 7-6-5	Baltimore	5.94	4.20	6.83	7.00	1.25		7.45	6.00	5.00	5.00	37.47	36.80
American 7-6-5	Baltimore	6.16	4.20	6.72	7.00	1.15		7.25	6.00	5.36	5.00	37.14	36.80
American 7-6-5	Baltimore	6.40	4.20	7.00	7.00	1.15		7.15	6.00	5.08	5.00	37.95	36.80
American 7-6-5	Baltimore	5.63	4.20	6.31	7.00	1.30		6.90	6.00	5.24	5.00	35.15	36.80
American Truckers' Special	Baltimore	4.31	2.97	4.82	5.00	1.25		8.75	8.00	5.12	5.00	30.57	30.40
American Truckers' Special	Baltimore	4.28	2.97	4.74	5.00	.80		9.10	8.00	5.10	5.00	30.44	30.40

*Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Virginia-Carolina Chemical Corp., Baltimore, Md. (continued)													
American Truckers' Special	Baltimore	4.23	2.97	4.91	5.00	1.20	.....	8.70	8.00	5.36	5.00	$31.07	$30.40
American Truckers' Special	Baltimore	4.44	2.97	5.00	5.00	1.15	.....	8.15	8.00	5.24	5.00	30.88	30.40
American Truckers' Special	Baltimore	4.45	2.97	4.89	5.00	1.40	.....	8.90	8.00	5.12	5.00	30.99	30.40
American Vegetable Special	Baltimore	3.37	2.00	3.76	4.00	.95	.....	8.15	8.00	4.32	4.00	25.16	25.60
American Vegetable Special	Baltimore	3.60	2.00	4.06	4.00	1.05	.....	8.45	8.00	4.16	4.00	26.49	25.60
Bryant's Burbank Brand	Baltimore	1.41	.78	2.08	2.00	2.40	.....	9.10	9.00	3.32	3.00	18.62	17.60
Bryant's Burbank Brand	Baltimore	1.33	.78	1.88	2.00	2.25	.....	9.75	9.00	3.20	3.00	18.22	17.60
Bryant's Planter's Pride	Baltimore	4.23	2.97	5.00	5.00	.85	.....	8.95	8.00	5.36	5.00	31.58	30.40
Bryant's Tractor Brand	Baltimore	3.19	2.00	4.04	4.00	1.23	.....	8.37	8.00	4.20	4.00	26.40	25.60
V-C. Acid Phosphate	Baltimore	.....	.....	.....	.....	.40	.....	17.40	16.00	.....	.....	13.98	12.80
V-C. Acid Phosphate	Baltimore	.....	.....	.....	.....	.30	.....	16.60	16.00	.....	.....	13.33	12.80
V-C. Acid Phosphate	Baltimore	.....	.....	.....	.....	.40	.....	16.80	16.00	.....	.....	13.50	12.80
V-C. Acid Phosphate	Baltimore	.....	.....	.....	.....	1.25	.....	16.05	16.00	.....	.....	13.03	12.80
V-C. Fine Ground Bone	Baltimore	.....	.....	3.23	3.00	.....	.....	*25.15	*22.50	.....	.....	28.01	25.50
V-C. Fish, Bone & Potash	Baltimore	1.28	.78	1.98	2.00	2.05	.....	9.45	9.00	3.20	3.00	18.35	17.60
V-C. Fish, Bone & Potash	Baltimore	1.77	.78	2.01	2.00	2.35	.....	9.05	9.00	3.36	3.00	18.32	17.60
V-C. Good Luck Brand	Baltimore	2.48	.....	2.99	3.00	.85	.....	10.75	10.00	6.24	6.00	25.68	24.80
V-C. Ground Tankage	Baltimore	.....	.....	10.36	9.00	.....	.....	*4.35	*9.00	.....	.....	44.05	41.40
V-C. Ground Tankage	Baltimore	.....	.....	9.00	9.00	.....	.....	*2.25	*9.00	.....	.....	37.35	41.40
V-C. High Grade Ground Fish	Baltimore	.....	.....	11.15	10.00	.....	.....	.....	.....	.....	.....	.....	.....
V-C. High Grade Potash Mixture	Baltimore	.....	.....	.....	.....	.80	.....	13.30	12.00	5.00	5.00	14.76	13.60
V-C. Genuine Imported Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	14.40	12.40	.....	.....
V-C. Genuine Imported Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	12.72	12.40	.....	.....
V-C. Genuine Imported Kainit	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	13.00	12.40	.....	.....
V-C. Indian Brand Fertilizer	Baltimore	1.76	.78	2.05	2.00	.60	.....	8.70	8.00	10.08	10.00	23.31	22.40
V-C. Indian Brand Fertilizer	Baltimore	1.81	.78	2.01	2.00	.50	.....	8.60	8.00	10.16	10.00	23.13	22.40
V-C. Indian Brand Fertilizer	Baltimore	1.49	.78	2.05	2.00	.70	.....	8.40	8.00	10.00	10.00	23.03	22.40
V-C. Muriate of Potash	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	48.20	48.00	.....	.....
V-C. Muriate of Potash	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	51.40	48.00	.....	.....
V-C. Nitrate of Soda	Baltimore	.....	.....	19.20	18.00	.....	.....	.....	.....	.....	.....	.....	.....
V-C. Nitrate of Soda	Baltimore	.....	.....	18.34	18.00	.....	.....	.....	.....	.....	.....	.....	.....
V-C. Nitrate of Soda	Baltimore	.....	.....	18.85	18.00	.....	.....	.....	.....	.....	.....	.....	.....
V-C. Sheep Manure	Baltimore	.....	.....	1.68	2.10	.....	.....	*1.10	*1.00	2.86	1.50	9.67	10.20
V-C. Star Brand Fertilizer	Baltimore	.78	.98	1.16	1.00	1.70	.....	9.00	9.00	4.36	4.00	15.59	14.40
V-C. Star Brand Fertilizer	Baltimore	.65	.98	1.04	1.00	1.50	.....	9.05	9.00	4.64	4.00	15.34	14.40
V-C. Sulphate of Ammonia	Baltimore	.....	.....	25.72	24.00	.....	.....	.....	.....	.....	.....	.....	.....

V-C. Nitrate of Soda	Baltimore			19.20	18.00					51.40	48.00			
V-C. Nitrate of Soda	Baltimore			18.34	18.00									
V-C. Nitrate of Soda	Baltimore			18.85	18.00									
V-C. Sheep Manure	Baltimore			1.68	2.10			*1.10	*1.00	2.86	1.50	9.67	10.20
V-C. Star Brand Fertilizer	Baltimore	.78	.98	1.16	1.00	1.70		9.00	9.00	4.36	4.00	15.59	14.40
V-C. Star Brand Fertilizer	Baltimore	.65	.98	1.04	1.00	1.50		9.05	9.00	4.64	4.00	15.34	14.40
V-C. Sulphate of Ammonia	Baltimore			25.78	25.00								
V-C. Sweet Potato Special	Baltimore	2.70	1.52	3.04	3.00	.60		8.50	8.00	8.16	8.00	25.58	24.80
V-C. Sweet Potato Special	Baltimore	2.52	1.52	2.86	3.00	.65		8.45	8.00	8.00	8.00	24.70	24.80
V-C. 7% Truck Fertilizer	Baltimore	5.71	4.20	6.43	7.00	1.30		7.10	6.00	5.20	5.00	35.76	36.80
V-C. 7% Truck Fertilizer	Baltimore	6.02	4.20	6.67	7.00	1.25		7.05	6.00	5.16	5.00	36.64	36.80
V-C. Tobacco Bed Special	Baltimore	7.50	6.01	8.51	10.00	.55		6.75	5.00			39.52	44.00
V-C. Universal Crop Manure	Baltimore	1.50	.78	2.06	2.00	1.35		8.85	8.00	5.08	5.00	19.58	18.40
V-C. Virginia Trucker	Baltimore	4.38	2.97	5.05	5.00	1.05		8.50	8.00	5.32	5.00	31.42	30.40
V-C. Virginia Trucker	Baltimore	4.49	2.97	5.00	5.00	1.35		8.55	8.00	5.08	5.00	31.10	30.40
V-C. Virginia Trucker	Baltimore	4.59	2.97	5.03	5.00	1.60		8.20	8.00	5.24	5.00	31.11	30.40
V-C. XXXX Fish & Potash	Baltimore	3.59	2.00	4.29	4.00	1.35		8.25	8.00	4.20	4.00	27.32	25.60
V-C. XXXX Fish & Potash	Baltimore	3.67	2.00	4.18	4.00	1.20		8.50	8.00	4.32	4.00	27.16	25.60
V-C. XXXX Fish & Potash	Baltimore	3.43	2.00	4.15	4.00	1.40		8.30	8.00	4.36	4.00	26.94	25.60
Westminster Fertilizer Co., Westminster, Md.													
Leader	Westminster	.57		1.01	1.00	.75		9.05	9.00	4.92	4.00	15.33	14.40
Super-A	Westminster	.64	.49	1.08	1.00	.90		10.50	10.00	2.90	2.00	15.18	13.60
2-8-5	Westminster	1.19		1.91	2.00	1.15		8.75	8.00	6.14	5.00	19.72	18.40
White Rose Plant Food Co., York, Pa.													
White Rose Plant Food	Baltimore	2.32		5.34	5.00	.15		10.45	8.00	4.14	3.00	33.05	28.80
J. Francis Wilson, Pocomoke City, Md.													
Favorite Truck Fertilizer	Pocomoke City	2.00	1.71	5.14	5.00	1.25		9.75	8.00	5.08	5.00	32.61	30.40
Worcester Fertilizer Co., Snow Hill, Md.													
Acid Phosphate	Snow Hill					.75		15.95	16.00			12.87	12.80
Correct Plant Food, 1-9-4	Snow Hill	.61	.33	1.19	1.00	.65		9.05	9.00	4.82	4.00	15.96	14.40
Correct Plant Food Mixture, 7-6-5	Snow Hill	5.91	2.32	7.43	7.00	.75		6.35	6.00	5.66	5.00	39.44	36.80
Correct Plant Food Mixture, 3-8-5	Snow Hill	2.28	1.00	3.00	3.00	1.00		8.20	8.00	5.32	5.00	22.97	22.40
Correct Plant Food, 2-8-5	Snow Hill	1.50	.66	1.84	2.00	.70		9.10	8.00	5.04	5.00	18.78	18.40
Correct Plant Food, 2-8-10	Snow Hill	1.40	.66	1.98	2.00	.55		8.35	8.00	10.82	10.00	23.34	22.40
R. B. Wyand, Chewsville, Md.													
Dissolved Phosphate	Chewsville					.70		17.70	16.00			14.27	12.80
Golden Harvest	Chewsville	.97		1.98	2.00	.60		10.70	10.00	5.70	5.00	21.13	20.00
Grain Mixture	Chewsville	.53		1.13	1.00	.50		9.70	9.00	5.18	4.00	16.50	14.40
Phosphate & Potash Mixture	Chewsville					.35		12.85	12.00	5.64	5.00	14.84	13.60
Potato & Garden Fertilizer	Chewsville	1.96		3.05	3.00	.65		10.05	8.00	8.55	8.00	27.18	24.80

*Total Phosphoric Acid.